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Sediment Data Reference Index

Canada 1986

Données sur les sédiments Index de référence

**INLAND WATERS DIRECTORATE
WATER RESOURCES BRANCH
WATER SURVEY OF CANADA
OTTAWA, CANADA, 1988**

**DIRECTION GÉNÉRALE DES EAUX INTÉRIEURES
DIRECTION DES RESSOURCES EN EAU
DIVISION DES RELEVÉS HYDROLOGIQUES DU CANADA
OTTAWA, CANADA, 1988**

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PREFACE

This publication was prepared by personnel of the Water Survey of Canada Division under the direction of the Director, Water Resources Branch, Department of the Environment, Ottawa.

The basic data were collected and compiled under the supervision of the Regional Chiefs of the Water Resources Branch at Vancouver, British Columbia; Calgary, Alberta; Regina, Saskatchewan; Winnipeg, Manitoba; Guelph, Ontario; Dartmouth, Nova Scotia, and the Chief of the Water Quantity and Quality Division at Longueuil, Quebec, and the Chief, N.W.T. Program, Yellowknife, Northwest Territories.

The co-operation received from provincial agencies and from other organizations is gratefully acknowledged.

PRÉFACE

La Division des relevés hydrologiques du Canada, sous l'autorité du directeur des Ressources en eau du ministère de l'Environnement (Ottawa), a préparé la présente publication.

On a recueilli et compilé les données de base sous la compétence des chefs régionaux de la Direction des ressources en eau, à Vancouver (Colombie-Britannique), Calgary (Alberta), Regina (Saskatchewan), Winnipeg (Manitoba), Guelph (Ontario) et Dartmouth (Nouvelle-Écosse), ainsi que du chef des Programmes de la quantité et de la qualité de l'eau à Longueuil (Québec) et du chef des Programmes des T.N.-O., à Yellowknife (T.N.-O.).

On remercie vivement les organismes provinciaux, ou autres, pour la coopération qu'ils ont apportée.

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INTRODUCTION

The Water Resources Branch of the Department of the Environment herein presents the 1986 edition of the Reference Index of Sediment Data collected to December 31, 1986 by the Water Survey of Canada. This edition supersedes all previous editions.

Details on individual stations and related records, as well as recent data which have not yet been published or indexed may be available as unpublished data. Examples of the unpublished data sheets can be found in Appendix 1. These data may be obtained upon application to one of the following:

Regional Chief, Water Resources Branch, Department of the Environment, 502-1001 West Pender Street, Vancouver, British Columbia. V6E 2M9 (604) 666-3606	Regional Chief, Water Resources Branch, Department of the Environment, Bag 2909, Postal Station 'M', (Room 854, 220-4th Avenue S.E.), Calgary, Alberta. T2P 2M7 (403) 292-5311
Regional Chief, Water Resources Branch, Department of the Environment, G.M.C. Building, 1102-8th Avenue, Regina, Saskatchewan. S4R 1C9 (306) 780-5338	Regional Chief, Water Resources Branch, Department of the Environment, 521 Federal Building, 269 Main Street, Winnipeg, Manitoba. R3C 1B2 (204) 949-2434

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INTRODUCTION

La Direction des ressources en eau du ministère de l'Environnement présente l'édition 1986 de l'Index de référence des données sur les sédiments, recueillies jusqu'au 31 décembre 1986, par la Division des relevés hydrologiques du Canada. Cette édition annule toutes les éditions précédentes.

En s'adressant aux endroits ci-après, on peut obtenir des renseignements supplémentaires sur certaines stations particulières et divers relevés, ainsi que des données récentes non encore publiées (se référer à l'Annexe 1 pour des exemples de feuilles de données inédites) ou intégrées à l'Index de référence :

Chef régional Direction des ressources en eau Ministère de l'Environnement 1001, rue Pender ouest, bur. 502 Vancouver (C.-B.) V6E 2M9 (604) 666-3606	Chef régional Direction des ressources en eau Ministère de l'Environnement Sac postal 2909 Succursale postale M (Bureau 854, 220, Quatrième avenue s.-e.) Calgary (Alberta) T2P 2M7 (403) 292-5311
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Information may also be obtained from the Director, Water Resources Branch, Department of the Environment, Ottawa, Ontario, K1A 0H3 (819) 997-1508.

On peut encore s'adresser au Directeur, Direction des ressources en eau, ministère de l'Environnement, Ottawa (Ontario) K1A 0H3 [(819) 997-1508] pour obtenir les renseignements précités.

This Reference Index includes a tabulation of stations operated by the *ministère de l'Environnement du Québec*. The user who wishes more detailed information should apply to the Director, *Service de l'hydrométrie du Québec*, at the following address:

On trouve dans cet *Index de référence* des tables pour les stations du ministère de l'Environnement du Québec. On peut obtenir des renseignements en s'adressant au Directeur, *Service de l'hydrométrie du Québec*, à l'adresse suivante :

Director,
Direction générale des eaux,
Ministère de l'Environnement du Québec,
2345 Dalton Street,
Sainte-Foy, Quebec.
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(418) 643-4553

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HISTORY AND OBJECTIVES OF SEDIMENT SURVEYS IN CANADA

HISTORIQUE ET OBJECTIFS DES ÉTUDES DES SÉDIMENTS AU CANADA

In Canada, investigations of sediment transported by streams were first undertaken by individual organizations or agencies in 1948, to meet the needs of federal and provincial agencies for assessment of particular projects. Although the investigations were extended to meet expanding needs after 1948, it was not until 1961 that a systematic survey was undertaken by the Water Resources Branch.

Au Canada, les études dans ce domaine ont débuté en 1948 en réponse aux besoins exprimés par certains organismes fédéraux et provinciaux pour l'évaluation de projets donnés et étaient le fait d'organismes privés. Bien que les études se soient poursuivies après 1948 pour satisfaire les besoins accrus, ce n'est qu'en 1961 que la Direction des ressources en eau les a entreprises de façon systématique.

The sediment survey program has the following objectives:

Les buts de ces études sont les suivantes :

- (1) Collection and provision of data related to sediment transport in Canadian rivers for applications in water resource engineering, water quality and environmental studies.
- (2) Provision of information and advice related to sediment transport.
- (3) Assessment, improvement and standardization of equipment and techniques used in Canada's sediment survey program.

- 1) réunir et produire des données sur les transports solides dans les cours d'eau canadiens, données dont on peut avoir besoin pour des études concernant l'environnement, la qualité des eaux et la conception de projets portant sur les ressources en eau;
- 2) produire des informations concernant les transports solides et donner des conseils à ce sujet;
- 3) évaluer, améliorer et uniformiser les techniques et le matériel employés dans le programme d'étude des sédiments au Canada.

CO-OPERATION AND ACKNOWLEDGMENTS

Co-operative undertakings with other agencies form an important part of the activities of the Water Survey of Canada. Close co-operation has been maintained with public agencies and private organizations concerned with water resources. Data have been mutually exchanged and suspended sediment collection operations have been facilitated by the assistance received from a number of organizations.

On waters adjacent to the International Boundary, certain sediment stations are maintained by Canada (or the United States) under agreement with the United States (or Canada) and the records are collected and compiled in a manner equally acceptable to both countries. These stations are designated as "International Gauging Stations" in this publication.

For the valuable assistance and co-operation received in obtaining sediment survey records, the Water Survey of Canada is indebted to many organizations. The names of these organizations are given in the annual Sediment Data publication and those who contributed data are listed on page xii herein.

DEFINITION OF TERMS

The following definitions are given to clarify the terms used in this publication:

Automatic pump sample is an individual water-sediment mixture pumped from a fixed point in a stream.

Bed load is that material moving in almost continuous contact with the streambed, being rolled or pushed along the bottom by the force of the water.

Bed material is the sediment mixture of which the streambed is composed.

Daily load is the suspended sediment load expressed in tonnes for a particular day. The daily load is obtained by multiplying the daily mean sediment concentration (mg/L) by the daily mean discharge (m^3/s) and the conversion factor, 0.0864.

Daily mean concentration is a time-weighted mean value and is computed from a manually constructed concentration curve. The mean concentration value may be determined arithmetically or graphically. The arithmetic mean is obtained either by (1) selecting values from the concentration graph that represents uniform intervals of time and taking the arithmetic average or by (2) selecting values from the graph that represent unequal intervals of time and weighing these values by the time intervals represented by the concentrations. For graphical explanation refer to *Office Procedures for Sediment Data Computations* and for the automated graphical explanation refer to *Automated Hydrometric Computation Procedures*.

COOPÉRATION ET REMERCIEMENTS

Le travail entrepris en coopération avec d'autres organismes représente une partie importante des activités de la Division des relevés hydrologiques du Canada. On a maintenu une étroite collaboration avec les organismes, publics ou privés, qui s'intéressent aux ressources en eau. On a échangé des données sur les sédiments, et l'assistance fournie par certains organismes a facilité les activités d'échantillonnage des sédiments en suspension.

En ce qui concerne les eaux adjacentes à la frontière internationale, certaines stations de jaugeage dépendent du Canada (ou des États-Unis) à la suite d'un accord conclu avec les États-Unis (ou le Canada), et les relevés sont faits et compilés de façon à satisfaire les deux pays. Ces stations sont nommées «stations internationale de jaugeage» dans la présente publication.

La Division des relevés hydrologiques du Canada est redevable à maints organismes de l'aide et de la collaboration qu'ils lui ont apportées lors de la prise des relevés sur les sédiments. On trouvera les noms de ces organismes dans les publications annuelles des *Données sur les sédiments*; les noms des organismes qui ont fourni des données apparaissent à la page xii de l'Index.

DÉFINITION DES TERMES

Les définitions suivantes sont présentées afin de faciliter la compréhension des termes utilisés dans la présente publication :

Echantillonnage automatique à l'aide d'une pompe (Automatic pump sample): Prélèvement d'un mélange de sédiments et d'eau au moyen d'une pompe fonctionnant automatiquement, en un point précis d'un cours d'eau.

Charriage (Bed load): Matières roulées ou poussées sur le fond sous l'action de l'eau, mais restant en contact presque permanent avec le fond.

Matériau du lit (Bed material): Mélange de sédiments composant le lit d'un cours d'eau.

Débit journalier des sédiments en suspension (Daily load): Débit des sédiments en suspension exprimé en tonnes par jour, pour une journée donnée. On l'obtient en multipliant la concentration journalière moyenne des sédiments (mg/L) par le débit journalier moyen de l'eau (m^3/s) et le facteur de conversion 0.0864.

Concentration journalière moyenne (Daily mean concentration): Moyenne pondérée en fonction du temps, calculée à partir d'une courbe de la concentration établie manuellement. La valeur de la concentration moyenne peut être déterminée arithmétiquement ou graphiquement. Pour la déterminer arithmétiquement, on peut soit choisir sur la courbe des valeurs représentant des intervalles uniformes de temps et faire la moyenne arithmétique, soit choisir sur cette courbe des valeurs qui représentent des intervalles inégaux de temps et pondérer ces valeurs en fonction des intervalles de temps correspondants. En ce qui concerne les méthodes graphiques, consulter *Méthodes de bureau pour les calculs de données sur les sédiments* et, pour la méthode automatisée, *Automated Hydrometric Computation Procedures*.

Depth-integrated sediment sample is a suspended sediment sample collected at a single vertical in a cross section in a sampler moving vertically at a constant transit rate and represents an average sample for that part of the depth ranging from the water surface to about nine centimetres above the streambed.

Instantaneous suspended sediment sample is a sample collected at a fixed vertical in a river cross section.

Measured suspended sediment discharge is the suspended sediment discharge that can be computed from stream discharge and the concentration of sediment determined from depth-integrated sediment samples.

Particle-size analysis is the process of determining the size distribution of particles in a sediment sample.

Point-integrated sediment sample is a sample of the water-sediment mixture taken over a specified period of time at a fixed point and depth in a river cross section.

Sediment is fragmental material which has deposited, eroded or transported by a flowing stream.

Sediment hydrograph is a graph showing the variation of suspended sediment concentration or sediment discharge with respect to time.

Single sample is a sample taken at a selected permanent vertical in a cross section. Two bottles of water-sediment mixture make up each single sample.

Single sampling vertical is a selected permanent vertical in a cross section in which single suspended sediment samples are collected.

Suspended sediment is sediment that moves in suspension in water either as a colloid or through the influence of the upward component of turbulent currents.

Suspended sediment concentration is the ratio of the weight of dry solids in a water-sediment mixture to the volume of the mixture. The units of this ratio are "milligrams per litre" (mg/L).

Suspended sediment load is the quantity of suspended sediment transported through a cross section per unit of time.

Total sediment load is the sum of the suspended sediment load and the bed load.

Unmeasured sediment load is the difference between total sediment load and measured suspended sediment load.

Échantillon intégré sur toute la profondeur (Depth integrated sediment sample): Échantillon des sédiments en suspension prélevé sur une verticale précise d'une section transversale d'un cours d'eau à l'aide d'un échantillonneur se déplaçant verticalement à une vitesse constante; il représente un échantillon moyen des matières en suspension entre la surface de l'eau et environ 9 cm du fond.

Échantillon instantané de sédiments en suspension (Instantaneous suspended sediment sample): Échantillon prélevé à une verticale précise d'une section transversale d'un cours d'eau.

Débit mesuré des sédiments en suspension (Measured suspended sediment discharge): Débit des sédiments en suspension qui peut être calculé à partir du débit du cours d'eau et de la concentration des sédiments déterminée à partir d'échantillons intégrés sur toute la profondeur.

Analyse granulométrique (Particle-size analysis): Détermination de la répartition de la taille des particules dans un échantillon de sédiments.

Échantillon ponctuel et intégré (Point-integrated sediment sample): Échantillon constitué d'un mélange d'eau et de sédiments, prélevé au cours d'une période de temps donnée en un point précis d'une section transversale d'un cours d'eau et à une profondeur donnée.

Sédiments (Sediment): Matières fragmentaires qui ont été déposées, érodées ou transportées par un cours d'eau.

Hydrogramme des sédiments (Sediment hydrograph): Graphique représentant la variation de la concentration des sédiments en suspension ou du débit des sédiments en fonction du temps.

Échantillon unique (Single sample): Échantillon prélevé sur une verticale permanente particulière dans une section transversale. Deux bouteilles du mélange eau-sédiments constituent un seul échantillon.

Verticale d'échantillonnage unique (Single sampling vertical): Verticale permanente d'une section transversale où des échantillons uniques de sédiments en suspension sont prélevés.

Sédiments en suspension (Suspended sediment): Matériaux qui se déplacent dans l'eau, soit sous forme colloïdale, soit sous l'influence des forces ascendantes des courants turbulents.

Concentration des sédiments en suspension (Suspended sediment concentration): Rapport entre le poids des matières solides sèches contenues dans un mélange eau-sédiments et le volume du mélange. Les unités employées sont les «milligrammes par litre» (mg/L).

Débit des sédiments en suspension (Suspended sediment load): Quantité de sédiments en suspension transportés par unité de temps à travers une section transversale d'un cours d'eau.

Débit total des sédiments (Total sediment load): Somme du débit des sédiments en suspension et du débit charrié.

Débit non mesuré des sédiments (Unmeasured sediment load): Différence entre le débit total des sédiments et le débit mesuré des sédiments en suspension.

PUBLICATION OF SEDIMENT DATA

Sediment data have been published in a variety of formats since the beginning of the Sediment Survey Program.

During the years 1948 to 1960, some sediment data were collected for several Prairie rivers to meet the needs of particular projects. The first Water Resources Paper series containing sediment data incorporated a selection of these data and also data for part of the year ending September 30, 1961, at stations established for the continuing program. The second issue was a biennial publication covering only the continuing program for the 1962 and 1963 water years. All subsequent editions titled *Sediment Data Canadian Rivers* have been published annually. The sediment data since 1978 have been presented entirely in the International System of Units.

Commencing with 1984, the *Sediment Data* were published in a new format (Appendix 2) wherein Canada was divided into eight regions. The provinces each represent a separate region except for New Brunswick, Newfoundland, Nova Scotia and Prince Edward Island, which together form the Atlantic Provinces region, and the Yukon and Northwest Territories which make up another. The publications are identified by the province or territories covered and the year in which the data were collected. These data are published annually on a calendar-year basis and the stations are listed alphabetically.

The first edition of a *Sediment Data Reference Index* was published for data to 1972. It contains a tabulation of locations in Canada where sediment data were collected by the Water Survey of Canada. The index has been subdivided alphabetically by province or territory, with sediment survey stations also listed alphabetically. Commencing with the 1978 publication, data are presented in the International System of Units and will continue to be published biennially. The latest edition supersedes all previous editions because it contains any corrections or additions since the last publication.

The first edition of a new publication series titled *Historical Sediment Data Summary for Canadian Rivers* was produced for data to 1974. This publication contains a summary of historical monthly and annual mean suspended sediment load, and annual extremes of daily suspended sediment concentration and loads and total annual suspended load. Commencing with the 1978 publication, data are presented entirely in the International System of Units. This publication has been discontinued, as much of the information is now included in the new annual *Sediment Data* publication.

PUBLICATION DES DONNÉES SUR LES SÉDIMENTS

Depuis le début du programme d'étude des sédiments, la présentation des données a varié.

De 1948 à 1960, on a recueilli des données pour plusieurs cours d'eau des Prairies en prévision de la réalisation de certains projets. La première publication contenant des données sur les sédiments a paru dans la série intitulée *Water Resources Paper*; elle présentait un choix de ces données ainsi que des données recueillies en 1961 avant le 30 septembre à des stations établies pour la réalisation du programme permanent. La deuxième publication a porté sur les données recueillies dans le cadre du programme au cours des années hydrologiques 1962 et 1963. Par la suite, les données ont été publiées annuellement sous le titre *Données sur les sédiments - rivières canadiennes*. Depuis 1978, les données sont exprimées en unités du Système international.

En 1984, la présentation des *Données sur les sédiments* a été modifiée (Annexe 2). Le Canada a été divisé en huit régions, une région pour chaque province, sauf le Nouveau-Brunswick, Terre-Neuve, la Nouvelle-Écosse et l'Île-du-Prince-Édouard qui, ensemble, forment la région des provinces de l'Atlantique, et les Territoires du Yukon et du Nord-Ouest, qui forment une autre région. Les publications sont nommées selon la région couverte et l'année des données (année civile). Ces publications sont annuelles. Les stations y sont présentées par ordre alphabétique.

La première édition de l'*Index de référence des données sur les sédiments* est publiée pour les données disponibles jusqu'en 1972. Les emplacements où des données sur les sédiments ont été recueillies au Canada par la Division des relevés hydrologiques du Canada y sont présentés sous forme de tableau. L'*Index* est subdivisé selon l'ordre alphabétique par province ou territoire, et les stations de mesure des sédiments sont classées par ordre alphabétique. À partir de 1978, les données sont exprimées en unités du Système international. L'*Index* est publié tous les deux ans; l'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour effectuées depuis la dernière parution.

Une autre série de publications, intitulée *Sommaire chronologique des données sur les sédiments de rivières canadiennes*, renfermait les données disponibles jusqu'en 1974. Cette série présentait un résumé donnant les moyennes mensuelles et annuelles historiques du débit des sédiments en suspension, les valeurs annuelles extrêmes de la concentration journalière et du débit journalier des sédiments en suspension et le débit annuel total des sédiments en suspension. À partir de 1978, les données ont été présentées en unités du Système international. Cette série a été abandonnée, car une bonne partie de l'information est maintenant contenue dans la nouvelle publication annuelle intitulée *Données sur les sédiments*.

EXPLANATION OF REFERENCE INDEX

The main body of this Index is a tabulation of stations showing the station number and name, type of operation, suspended sediment (concentration and loads), dissolved solids, water temperature, particle size (point and depth integrating), bed load (volume or load, and particle size) and bed material particle size.

The latitude, longitude, land description and drainage area of the stations are included. An estimate of the total number of samples collected during the period of record and any remarks to indicate that special conditions exist at the station are also given. The names of rivers for which sediment data are available are listed by station number order and alphabetical order in the indices at the back of the book.

This Reference Index has been subdivided alphabetically by province or territory and the station names are listed alphabetically.

Explanation for each heading in the main tabulation are as follows:

Station No:

Each sediment station has been assigned a unique seven-character identification similar to that of the gauging stations. The station numbering system begins with the division of Canada into eleven major groups of river basins. These divisions are subdivided following heights of land within the division with a letter assigned to each subdivision. Each subdivision is further divided on drainage basin boundaries and assigned a second letter, e.g. 5BD. Stations in this sub-subdivision are then assigned further numbers in chronological order of their establishment, independent of their stream order. Thus, using the seven-character identification system, 05BD007 is the seventh station established in sub-subdivision 5BD; 11AA033 is the thirty-third station established in sub-subdivision 11AA, and so on. Coloured maps showing the location of both the active and the discontinued sediment and streamflow stations are available and will be provided in a separate Map Supplement.

Name:

Each station has been given a name which is used for identification and publication purposes. Former names which were used are not shown in this Index.

Type of Operation:

This indicates whether the records were obtained by manual sampling (M) pump sampler (P) or dual manual sampling and pump sampler (D).

The manual samples are collected primarily by a hired observer at a given sampling vertical in a river cross section.

The pump sampling provides instantaneous samples collected automatically at a fixed depth at one point in a cross section.

EXPLICATION DE L'INDEX DE RÉFÉRENCE

L'Index de référence est surtout constitué de tableaux indiquant le numéro et le nom des stations, le type d'exploitation, les sédiments en suspension, les concentrations et les charriages, les matières dissoutes, la température de l'eau, la granulométrie (point et profondeur d'intégration), le charriage de fond (volume ou charriage, et granulométrie) ainsi que la granulométrie des matériaux de fond.

Il comprend aussi la latitude, la longitude, la description du terrain et la superficie du bassin versant où sont installées les stations. On y trouve une évaluation du nombre total d'échantillons prélevés pendant la période d'échantillonnage et toute remarque concernant les conditions spéciales qui peuvent survenir à la station. Les noms des rivières pour lesquelles des données sur les sédiments sont disponibles sont énumérés par ordre alphabétique et selon le numéro de la station dans les annexes à la fin de la publication.

Cet index de référence est divisé alphabétiquement par province et territoire. Les noms des stations y figurent aussi par ordre alphabétique.

L'explication de chaque titre du tableau principal est la suivante :

N^o de la station (Station No.):

Chaque station de jaugeage des sédiments est identifiée par un numéro formé de sept caractères ou chiffres. Le système de numérotation des stations comporte tout d'abord la division du Canada en onze principaux groupes de bassins versants. Ces divisions sont ensuite réparties en fonction de l'altitude du sol à l'intérieur de la division; on utilise une lettre à cette fin. Chaque subdivision est ensuite partagée en fonction des limites du bassin versant; on utilise alors une autre lettre, p. ex., 5BD. Les stations qui s'y trouvent sont numérotées chronologiquement en fonction de la date de leur création, mais indépendamment de l'ordre qu'elles occupent sur le cours d'eau. Ainsi, 05BD007 représente la septième station créée dans la sous-subdivision 5BD, et 11AA033 représente la trente-troisième station créée dans la sous-subdivision 11AA, etc. Des cartes en couleur montrant l'emplacement des stations d'étude des sédiments et des stations de jaugeage, existantes et abandonnées, sont disponibles et peuvent être obtenues séparément dans un Supplément de cartes.

Nom (Name):

Chaque station porte un nom qui est utilisé à des fins d'identification et de publication. Les noms employés précédemment n'apparaissent pas dans l'Index.

Type d'exploitation (Type of Operation):

Ce titre indique si les échantillons sont obtenus par un échantillonnage manuel (M), par un échantillonneur de pompage (P) par un procédé double d'échantillonnage manuel et d'échantillonneur de pompage (D).

Les échantillons manuels sont surtout prélevés par un observateur embauché à cette fin à une verticale d'échantillonnage donnée de la coupe transversale de la rivière.

Par pompage, on obtient des échantillons instantanés prélevés à une profondeur déterminée en un point de la section transversale d'un cours d'eau.

If the available data have changed during the period of record a new line will appear giving the year of data under the proper column heading.

If continuous records or data are available for the entire year, the symbol "C" will appear opposite the appropriate symbol for the method of sampling. If the records have been collected on a seasonal or part-year basis, the symbol "S" is used. If only miscellaneous or instantaneous concentration data, collected on an ad hoc basis are available for some years, this is identified by the symbols "MS".

Suspended Sediment:

This is divided into sub-headings: "Concentration Data", "Loads", "Dissolved Solids", "Water Temperature", and "Particle Size".

Concentration Data:

This gives the years for which instantaneous concentration data, in milligrams per litre, are available, e.g. 1971-73 indicates that instantaneous concentrations are available for the years 1971, 1972 and 1973.

Loads:

This gives the years for which daily mean loads are available either for partial or continuous months for the years of record, e.g. 1976-78 indicates that daily mean sediment loads in tonnes per day are available for the years 1976, 1977 and 1978.

Dissolved Solids:

This gives the years for which dissolved solids data are available, e.g. 1977-78 indicates that some dissolved solids data in milligrams per litre are available. Details on missing years of data, as well as more recent data which have not yet been published or indexed may be obtained upon application to the appropriate region.

Water Temperature:

This gives the years for which water temperatures in degrees Celsius have been observed in the stream cross section during flow measurements or during the collection of suspended sediment samples at the single vertical.

Particle Size:

This is divided into two sub-headings: "Point" for point integrating and "Depth" for depth integrating. The years for which particle-size data are available are indicated, e.g. 1975-80 indicates that particle-size data in percent are available for the years 1975 to 1980.

Si les données disponibles changent pendant la période d'échantillonnage, une nouvelle ligne apparaîtra et donnera l'année des données sous le titre d'une nouvelle colonne.

Si des échantillons ou des données continus sont disponibles pour toute l'année, le symbole «C» apparaîtra en face du symbole indiquant la méthode d'échantillonnage. Si les échantillons sont prélevés sur une base saisonnière ou à une certaine période de l'année, on utilisera le symbole «S». Si les données sur les concentrations relatives à un prélèvement effectué pour répondre à un besoin précis, sont diverses ou instantanées et disponibles pour certaines années seulement, on indiquera le symbole «M».

Sédiments en suspension (Suspended Sediments):

Sous ce titre, on trouve les rubriques : «Données sur les concentrations», «Charriages», «Matières solides à l'état dissous», «Température de l'eau» et «Granulométrie».

Données sur les sédiments (Concentration Data):

Sous ce titre, on donne les années pour lesquelles il existe des données sur les concentrations instantanées, exprimées en milligrammes par litre (p. ex., 1971-1973 indique que les concentrations instantanées sont disponibles pour 1971, 1972 et 1973).

Charriages (Loads):

Sous ce titre, on trouve les années durant lesquelles les charriages moyens quotidiens sont disponibles soit pour les mois partiels, soit pour les mois continus durant les années considérées (p. ex., 1976-1978 signifie que les charriages quotidiens moyens de sédiments, en tonnes et par jour, sont disponibles pour 1976, 1977 et 1978).

Matières solides à l'état dissous (Dissolved Solids):

Sous ce titre, on trouve les années pour lesquelles les données sur les matières solides à l'état dissous sont disponibles (p. ex., 1977-1978 signifie que des données sur certaines matières solides à l'état dissous, en milligrammes par litre, sont disponibles. Pour obtenir des précisions sur les données des années qui manquent et sur les données plus récentes qui ne sont pas encore publiées ou répertoriées, on peut s'adresser à la région à laquelle on s'intéresse.

Température de l'eau (Water Temperature):

Sous ce titre, on trouve les années pour lesquelles on a mesuré la température de l'eau en degrés Celsius, dans une section transversale, lors des mesures du débit ou lors des prélèvements à la verticale d'échantillons de sédiments en suspension.

Granulométrie (Particle Size):

Sous ce titre, on trouve deux sous-titres : «Point» pour l'intégration ponctuelle et «Profondeurs» pour l'intégration en profondeur. On indique les années pour lesquelles les données sur la granulométrie sont disponibles (p. ex., 1975-1980 que les données sur la granulométrie exprimées en pourcent sont disponibles pour les années allant de 1975 à 1980).

Bed Load:

This is divided into sub-headings "Volume or Loads" and "Particle Size".

Volume or Loads:

This gives the years for which bed load data are available, e.g. 1970-73V indicates that bed load records in cubic metres were obtained during the years 1970 to 1973. These data are identified by the symbol "V" to indicate that the bed load records were obtained by the Volumetric Method. If no symbol appears this would mean that the bed load for the period of record on file are in tonnes.

Particle Size:

This indicates the years for which particle size data are available, e.g. 1972-74 indicates that bed load particle size data in percent are available for the years 1972 to 1974.

Bed Material Particle Size:

This indicates the years for which particle size data are available, e.g. 1971-72 indicates that bed material particle size data in percent are available for the years 1971 and 1972.

Latitude and Longitude:

The location of the gauge is given in terms of the coordinates of latitude and longitude. A more detailed description of the location is available from the Regional Office responsible for the operation of the station.

Land Description:

The legal land description of the quarter section in which the gauge is located is given for the three prairie provinces. This land description locates the gauge within a square whose sides measure one-half of a mile. Space limitations have necessitated the use of an abbreviation of the description, thus SW22-05-08-W4 is in the southwest quarter section 22, township 5, range 8, west of the fourth meridian.

Drainage Area:

The latest available drainage area in square kilometres is given for streamflow stations. In most cases this is the drainage area upstream from the gauge location. Usually the gauge location is adjacent to the discharge or sediment measurement section and the same drainage area may be used for both.

Total Number of Samples:

The total number of samples represents an estimate of the number of samples for each particular type of data that is on file in Ottawa. Data which have not yet been published may be obtained upon application to the Regional Chief. See Appendix 1 for examples and an explanation of the Laboratory hard copy sheets. As the instantaneous file is updated, for the past years of record, this number will indicate the actual number of samples taken.

Charriage du lit (Bed Load):

Sous ce titre, on trouve deux sous-titres : «Volume ou charriage» et «Granulométrie».

Volume ou charriages (Volume or Loads):

On trouve les années pour lesquelles les données sur le charriage de fond sont disponibles (p. ex., 1970-1973V indique que les valeurs du charriage de fond, exprimées en mètres cubes, ont été obtenues de 1970 à 1973). Ces données sont identifiées par le symbole «V» pour indiquer que les valeurs du charriage de fond ont été obtenues grâce à la méthode volumétrique. S'il n'y a pas de symbole, le charriage de fond pour la période envisagée s'exprime en tonnes.

Granulométrie (Particle Size):

On indique les années pour lesquelles les données granulométriques sont disponibles (p. ex., 1972-1974 signifie que les données granulométriques du charriage de fond, exprimées en pourcent, sont disponibles pour la période allant de 1972 à 1974).

Granulométrie des matériaux du lit (Bed Material Particle Size):

On donne les années pour lesquelles on dispose de données granulométriques (p. ex., 1971-1972 signifie que les données granulométriques des matériaux de fond, exprimées en pourcent, sont disponibles pour 1971 et 1972).

Latitude et Longitude (Latitude and Longitude):

La latitude et la longitude de la station de jaugeage sont indiquées. Il est possible d'obtenir une description plus détaillée de l'emplacement en s'adressant au bureau régional dont dépend la station.

Description du terrain (Land Description):

La description foncière juridique du quart-section dans lequel se trouve la jauge est disponible pour les trois provinces des Prairies. La description du terrain permet de situer la jauge à l'intérieur d'un carré d'un demi-mille de côté. L'espace disponible étant limité, il a été nécessaire d'utiliser une abréviation; ainsi, SW22-05-08-W4 signifie carré sud-ouest 22, township 5, rang 8, à l'ouest du quatrième méridien.

Superficie du bassin versant (Drainage Area):

Il s'agit de la superficie du bassin versant, en kilomètres carrés, déterminée d'après les cartes les plus récentes. Dans la majorité des cas, elle représente la superficie de drainage située en amont de la jauge. La jauge est normalement adjacente à la section de mesure des débits, ou des sédiments, et la même superficie de drainage peut être utilisée pour les deux.

Nombre total d'échantillons (Total Number of Samples):

Le nombre total d'échantillons représente une évaluation du nombre d'échantillons pour chaque type précis de données conservées à Ottawa. On peut obtenir les données qui ne sont pas encore publiées, en s'adressant au chef du bureau régional. Voir Annexe 1 pour les exemples et une explication des fac-similés de laboratoire. Puisqu'on met à jour les données instantanées, ce nombre indiquera le nombre actuel d'échantillons prélevés pour l'évaluation des années précédentes.

Remarks:

The remarks are used to indicate that special conditions exist at the station, or that other data are available. Three standard remarks are indicated where applicable. These are:

Natural Flow or Regulated Flow Since 19... — where the flow is known to be natural, this is indicated by "NATURAL FLOW". The flow of water in many river systems is affected by upstream regulation. In some cases, the extent of this regulation is not known and therefore is not indicated. However, where the regulation is known to be "appreciable", this is indicated as well as the year that the regulation began, if known, e.g. REGULATED SINCE 1935.

Data Contributed by ... — where data for a station have been supplied partially or in their entirety by an outside agency, a code for the name of this co-operating agency is given, e.g. DC500. A list of the contributing agencies and their codes follow:

Code	Name
010	Alberta Department of the Environment
016	Alberta Oil Sands Environmental Research Program
017	Alberta Research Council
055	British Columbia Ministry of Environment
070	British Columbia Ministry of Forests
075	British Columbia Hydro and Power Authority
390	Manitoba Water Resources Division
485	Ontario Ministry of the Environment
500	Prairie Farm Rehabilitation Administration
515	Prince Edward Island Environmental Control Comm.
545	Saskatchewan Department of the Environment
588	Transalta Utilities Corporation
600	United States Geological Survey
610	University of Alberta
740	Ministère de l'Environnement du Québec

International Gauging Station — refers to stations located, on waters adjacent to the international boundary in Canada or the U.S.A.

APPENDICES

Three appendices are provided to: (1) inform readers of the existence and form of the basic unpublished data documents; (2) illustrate the types and forms of the published data; and (3) provide titles of published reports relating to sediment survey activities.

ACCURACY OF FIELD DATA AND COMPUTED RESULTS

The overall accuracy and degree of reliability of the sediment data is dependent upon many factors. Some of the more important of these are:

- accuracy and reliability of streamflow records;
- regime of the river;
- type of sampling equipment used to collect the suspended sediment samples;

Remarques (Remarks):

Les remarques visent à préciser qu'il existe des conditions spéciales à la station ou qu'il y a d'autres données disponibles. Trois remarques principales sont mentionnées lorsqu'on peut les utiliser, ce sont :

Debit naturel ou régulé depuis 19... (Natural Flow or Regulated Flow Since 19...) — L'expression « DÉBIT NATUREL » dénote que le débit est naturel. Le débit de nombreux réseaux hydrographiques est modifié par une régularisation qui est effectuée en amont. Il arrive parfois que l'importance de cette régularisation ne soit pas connue, et elle n'est donc pas indiquée. Cependant, quand on sait que la régularisation est d'une certaine importance, on l'indique ainsi que l'année où elle a débuté (si elle est connue), p. ex. RÉGLEMENTATION DEPUIS 1935.

Données fournies par ... (Data Contributed by ...) — L'expression précise qu'un organisme extérieur a fourni une partie ou la totalité des données d'une station. On donne un numéro de code (p. ex., DC500) à chacun des organismes. La liste des noms et des codes des organismes ayant apporté leur collaboration suit :

Code	Nom
010	Ministère de l'Environnement de l'Alberta
016	Programme de recherches sur l'environnement dans la région des sables bitumeux de l'Alberta
017	Conseil de recherches de l'Alberta
055	Ministère de l'Environnement de la Colombie-Britannique
070	Ministère des Forêts de la Colombie-Britannique
075	British Columbia Hydro and Power Authority
390	Direction des ressources en eau du Manitoba
485	Ministère de l'Environnement de l'Ontario
500	Administration du rétablissement agricole des Prairies
515	Commission de surveillance de l'environnement de l'Île-du-Prince-Édouard
545	Ministère de l'Environnement de la Saskatchewan
588	Transalta Utilities Corporation
600	United States Geological Survey
610	University of Alberta
740	Ministère de l'Environnement du Québec

Stations internationales de jaugeage (International Gauging Station) — stations situées au Canada ou aux États-Unis dans les eaux limitrophes internationales.

ANNEXES

L'Index renferme également trois annexes qui visent à : (1) informer le lecteur de l'existence et de la forme des documents de base où l'on peut consulter les données inédites; (2) illustrer les types et formes de données inédites; (3) fournir les titres de rapports publiés au sujet des activités relatives à l'étude des sédiments.

EXACTITUDE DES DONNÉES ET DES RÉSULTATS

L'exactitude des données sur les sédiments dépend de nombreux facteurs. On peut citer, parmi les plus importants :

- l'exactitude des données sur les débits;
- le régime du cours d'eau;
- le type d'appareil d'échantillonnage utilisé pour prélever les échantillons de sédiments en suspension;

- (d) frequency of suspended sediment discharge measurements;
- (e) frequency of individual sampling;
- (f) quality of the relationship between the average suspended sediment concentration in the cross section and the concentration of the individual samples;
- (g) frequency and method of bed material sampling;
- (h) frequency and method of bed load measurements;
- (i) accuracy and reliability of the laboratory analysis;
- (j) selected methods of computation of the suspended sediment discharge;
- (k) interpretation and extrapolation of sediment records.

An assessment of the quality of the records can be made by an examination of the occurrence of the symbol (S) on the daily mean concentrations.

In general, data collected during open-water periods are more reliable than those collected during periods of ice conditions or those records obtained by estimation. Further, water level data collected utilizing a water-stage recorder are more reliable and accurate than those using a manual gauge only, especially for small or flashy streams.

REVISIONS

A number of corrections or revisions have been made to previously published data. Many of these were required because of typographical or computational errors which were exposed when the data were stored on magnetic tape and monthly means were re-calculated by computer. Other errors were discovered or different interpretations of basic data were made during the systematic review of historical streamflow data presently underway.

Revisions to daily discharges or sediment data are not published at present. However, those stations where a systematic review has been conducted are identified in the Surface Water Data Reference Index publication. The Historical Streamflow Summary publications contain revisions to monthly and annual mean discharges, and annual extremes of discharge. Revisions, corrections or additions made to discharges and sediment after January 1, 1980, are indicated by an "R" symbol in the data summaries. Detailed information on revisions to historical data is available from the appropriate Regional Chief.

MICROFICHE

All sediment data are available in metric units on microfiche, upon request. The data are stored in station number order by province. There are 270 frames per microfiche at 48X reduction; there is a visible heading showing the fiche number, type of data, province, beginning and ending station number and year of data, and the month/year the fiche was created. The last frame is an index of the contents of that fiche.

- d) la fréquence des mesures du débit des sédiments en suspension;
- e) la fréquence des échantillonnages isolés;
- f) la qualité du rapport entre la concentration moyenne des sédiments en suspension dans une section transversale et la concentration des échantillons isolés;
- g) la fréquence des échantillonnages des matériaux de fond et la méthode utilisée;
- h) la fréquence des mesures du charriage de fond et la méthode utilisée;
- i) l'exactitude des analyses de laboratoire;
- j) les méthodes de calcul du débit des sédiments en suspension;
- k) l'interprétation et l'extrapolation des données sur les sédiments.

La qualité des données peut être évaluée d'après la fréquence d'utilisation du symbole (S), avec les données sur la concentration journalière moyenne.

En général, les données recueillies au cours des périodes d'eau libre sont plus sûres que celles obtenues au cours des périodes de glaces ou par estimation. De plus, les données sur le niveau des eaux qui sont mesurées à l'aide d'un limnigraphe sont plus certaines et plus exactes que celles mesurées à l'aide d'une jauge manuelle seulement, surtout dans le cas des petits cours d'eau ou des cours d'eau à crues très rapides.

RÉVISIONS

On a corrigé ou révisé des données déjà publiées. Il a été nécessaire d'effectuer plusieurs corrections, car on a relevé des erreurs typographiques ou des erreurs de calcul lorsqu'on a enregistré les données sur rubans magnétiques et qu'on a recalculé les moyennes mensuelles à l'aide d'un ordinateur. On a aussi relevé d'autres erreurs ou fait des interprétations différentes de certaines données de base au cours de la révision systématique des données historiques sur le débit, actuellement en cours.

Les corrections apportées aux débits journaliers ou aux données sur les sédiments ne sont pas publiées, du moins pour le moment. Cependant, les stations où on a effectué une révision systématique sont indiquées dans l'*Index de référence des données sur les eaux de surface*. Les publications intitulées *Sommaire chronologique de l'écoulement* contiennent des données révisées sur les débits mensuels et annuels moyens et les extrêmes annuels du débit. Les révisions, corrections ou ajouts apportés aux données sur les débits et sur les sédiments après le 1^{er} janvier 1980 sont indiqués par la lettre R dans les résumés des données. On peut obtenir plus de détails sur les révisions en s'adressant au chef régional concerné.

MICROFICHE

Toutes les données sur les sédiments sont disponibles sur microfiche en unités métriques. Ces données sont emmagasinées par ordre de numéro de station et par province. Chaque microfiche renferme 270 pages réduites de 48 fois. L'en-tête indique le numéro de la fiche, le genre de données, la province, le numéro de la première et de la dernière station, la première et la dernière année des données ainsi que le mois et l'année de création de la fiche. La dernière image donne l'index de la fiche.

EQUIVALENTS OF MEASURE

The following list of convenient equivalents of measure includes the relationship between imperial units and the International System of Units.

- 1 inch equals 2.54 cm (centimetres)
- 1 foot equals 0.3048 m (metre)
- 1 statute mile equals 1.6093 km (kilometres)

- 1 cm (centimetre) equals 0.393 70 inch
- 1 m (metre) equals 3.2808 feet
- 1 km (kilometre) equals 0.621 37 mile

- 1 acre equals 43 560 square feet
- 1 acre equals 0.404 69 ha (hectare)
- 1 square mile equals 640 acres
- 1 square mile equals 2.5900 km² (square kilometres)
- 1 square mile equals 259.0 ha (hectares)

- 1 ha (hectare) equals 10 000 m² (square metres)
- 1 ha (hectare) equals 2.4710 acres
- 1 km² (square kilometre) equals 0.386 10 square mile

- 1 cubic foot equals 6.2288 imperial gallons
- 1 imperial gallon equals 4.546 09 L (litres)
- 1 imperial gallon equals 1.2010 U.S. gallons
- 1 U.S. gallon equals 0.133 68 cubic foot
- 1 cubic foot equals 0.028 317 m³ (cubic metre)
- 1 m³ (cubic metre) equals 35.315 cubic feet
- 1 dam³ (cubic decametre) equals 1000 m³ (cubic metres)
- 1 dam³ (cubic decametre) equals 1 mm (millimetre) over 1 km² (square kilometre)

- 1 cubic foot per second for one day equals 1.9835 acre-feet
- 1 cubic foot per second for one day covers one square mile to a depth of 0.037 19 inch
- 1 acre-foot equals 1.2335 dam³ (cubic decametres)
- 1 m³/s (cubic metre per second) for one day equals 86.4 dam³ (cubic decametre)
- 1 m³/s (cubic metre per second) for one day covers one square kilometre to a depth of 0.0864 m (metre)

- 1 foot per second equals 0.6818 mile per hour
- 1 mile per hour equals 1.467 feet per second
- 1 m/s (metre per second) equals 3.6 km/h (kilometre per hour)
- 1 km/h (kilometre per hour) equals 0.2778 m/s (metre per second)

- 1 cubic foot per second equals 0.028 317 m³/s (cubic metre per second)
- 1 m³/s (cubic metre per second) equals 35.315 cubic feet per second

- 1 pound equals 0.453 59 kg (kilogram)
- 1 kg (kilogram) equals 2.2046 pounds

- 1 short ton (2000 pounds) equals 0.907 18 t (tonne)
- 1 t (tonne) equals 2204.6 pounds

- degrees Celsius = 5/9 (degrees Fahrenheit - 32)
- degrees Fahrenheit = 9/5 (degrees Celsius) + 32

ÉQUIVALENCES DES UNITÉS DE MESURE

Voici une liste des unités de mesure impériales et leurs équivalences dans le Système international d'unités.

- 1 pied cube vaut 6.2288 gallons impériaux
- 1 gallon impérial vaut 4.546 09 L (litres)
- 1 gallon impérial vaut 1.2010 gallon américain

- 1 cm (centimètre) vaut 0.393 70 pouce
- 1 m (mètre) vaut 3.2808 pieds
- 1 km (kilomètre) vaut 0.621 37 mille

- 1 acre vaut 43 560 pieds carrés
- 1 acre vaut 0.404 69 ha (hectare)
- 1 mille carré vaut 640 acres
- 1 mille carré vaut 2.5900 km² (kilomètres carrés)
- 1 mille carré vaut 259.0 ha (hectares)

- 1 ha (hectare) vaut 10 000 m² (mètres carrés)
- 1 ha (hectare) vaut 2.4710 acres
- 1 km² (kilomètre carré) vaut 0.386 10 mille carré

- 1 pied cube vaut 6.2288 gallons impériaux
- 1 gallon impérial vaut 4.546 09 L (litres)
- 1 gallon impérial vaut 1.2010 gallon américain
- 1 gallon américain vaut 0.133 68 pied cube
- 1 pied cube vaut 0.028 317 m³ (mètre cube)
- 1 m³ (mètre cube) vaut 35.315 pieds cubes
- 1 dam³ (décamètre cube) vaut 1000 m³ (mètres cubes)
- 1 dam³ (décamètre cube) vaut 1 mm (millimètre) qui couvre 1 km² (kilomètre carré)

- 1 pied cube par seconde pendant un jour vaut 1.9835 acre-pied
- 1 pied cube par seconde pendant un jour couvre un volume d'un mille carré par 0.037 19 pouce
- 1 acre-pied vaut 1.2335 dam³ (décamètre cube)
- 1 m³/s (mètre cube par seconde) pour un jour vaut 86.4 dam³ (décamètres cubes)
- 1 m³/s (mètre cube par seconde) pour un jour couvre un kilomètre carré à une profondeur de 0.0864 m (mètre)

- 1 pied par seconde vaut 0.6818 mille par heure
- 1 mille par heure vaut 1.467 pied par seconde
- 1 m/s (mètre par seconde) vaut 3.6 km/h (kilomètres par heure)
- 1 km/h (kilomètre par heure) vaut 0.2778 m/s (mètre par seconde)

- 1 pied cube par seconde vaut 0.028 317 m³/s (mètre cube par seconde)
- 1 m³/s (mètre cube par seconde) vaut 35.315 pieds cubes par seconde

- 1 livre vaut 0.453 59 kg (kilogramme)
- 1 kg (kilogramme) vaut 2.2046 livres

- 1 tonne courte (2000 livres) vaut 0.907 18 t (tonne)
- 1 t (tonne) vaut 2204.6 livres

- degrés Celsius = 5/9 (degrés Fahrenheit - 32)
- degrés Fahrenheit = 9/5 (degrés Celsius) + 32

APPENDIX 1
UNPUBLISHED DATA SHEETS

ANNEXE 1
FEUILLES DE DONNÉES INÉDITES

APPENDIX 1

UNPUBLISHED DATA SHEETS

Sediment summary sheets for recent data are available, upon request, as unpublished data sheets. These provisional sheets are the Field Notes and Laboratory Analysis Results, Laboratory Work Sheet and the computer output for the Bottom Withdrawal Tube particle size analysis.

FIGURE 1: SEDIMENT SURVEY FIELD NOTES AND LABORATORY ANALYSIS RESULTS

The left portion of this form is completed in the field and contains information on the sediment samples at the time of collection. The right portion is the results as determined in the laboratory during the analysis.

FIGURE 2: LABORATORY WORK SHEET FOR TOTAL CONCENTRATION ANALYSIS

This work sheet gives the information used in the analysis of the sediment samples.

FIGURE 3: BOTTOM WITHDRAWAL TUBE PARTICLE SIZE ANALYSIS

This computer generated sheet is available for each suspended sediment sample that is analyzed for particle size distribution.

ANNEXE 1

FEUILLES DE DONNÉES INÉDITES

Les sommaires des données récentes sur les sédiments sont disponibles, sur demande, sous forme de feuilles de données inédites. Ces feuilles provisoires sont les notes prises sur le terrain, les résultats de l'analyse en laboratoire, la feuille de travail en laboratoire pour l'analyse de la concentration totale et la sortie imprimée représentant l'analyse particulière des tubes de prélèvement de fond.

FIGURE 1: NOTES PRISES SUR LE TERRAIN POUR LES ÉTUDES DES SÉDIMENTS ET RÉSULTATS DE L'ANALYSE EN LABORATOIRE

La partie de gauche de cette formule est remplie sur le terrain; elle contient des renseignements sur les échantillons des sédiments au moment du prélèvement. La partie de droite contient les résultats obtenus lors de l'analyse en laboratoire.

FIGURE 2: FEUILLE DE TRAVAIL EN LABORATOIRE POUR L'ANALYSE DE LA CONCENTRATION TOTALE

Cette feuille de travail donne les renseignements utilisés dans l'analyse des échantillons de sédiments.

FIGURE 3: ANALYSE PARTICULAIRE DES TUBES DE PRÉLÈVEMENT DE FOND

Cette feuille, produite par ordinateur, est disponible pour chaque échantillon de sédiments en suspension dont on analyse la répartition granulométrique.

SEDIMENT SURVEY FIELD NOTES - CARNET D'OPERATIONS SUR LE RELEVÉ DES SEDIMENTS															LABORATORY ANALYSIS RESULTS RESULTATS DES ANALYSES AU LABORATOIRE																
River Location Emplacement du cours d'eau		PEMBINA RIVER near Windygates													Environment Canada Conservation et Protection																
Station No	No de la station	No of boxes Nbre de boîtes													Environment Canada Conservation et Protection																
Obsv	Date	Time	Temp °C	Gauge Hauteur d'échelle	Vertical Verticale	River Dépith Cours d'eau	Sample Dépith d'échant	Nozzle Diameter du bouteil	Intake Time d'échant	Sampler Type	Sample Number d'identification	Volume (ml)	Total Dry Weight Sec total (g)	Total Concentration (mg/L)	Corrected Concentration (mg/L)	Dissolved Solids Matières Dissoutes	Lab Remarks du labo	PERCENT FINER IN MILLIMETERS POURCENTAGE EN MILLIMÈTRES													
																		002	004	008	016	031	062	125	250	500	1000				
WSC	May 20	1815	13.0	0.785	40	0.34	0.29	1	20	DI	9634 A	591	0.0148	25		573															
WSC	May 21	1840	19.0	0.760	40	0.32	0.27	1	20	DI	9635 A	623	0.0189	30		590															
WSC	May 22	1220	17.0	0.890	40	0.44	0.39	1	26	DI	9636 A	894	0.0244	27		605															
WSC	Jun 10	0915	12.0	0.817	40	0.34	0.29	1	21	DI	9637 A	610	0.0135	22		606															
WSC	Jun 16	1645	25.0	0.961	40	0.51	0.46	1	15	DI	9639 A	491	0.0159	32		---															
WSC	Jun 17	2115	24.0	0.895	40	0.46	0.41	1	15	DI	9640 A	617	0.5562	901		530							27	46	70	81	82	94	96	98	100
WSC	Jun 19	0845	19.0	0.881	40	0.42	0.37	1	16	DI	9641 A	631	0.1085	172		---															
WSC	Jun 22	2010	24.0	0.821	40	0.38	0.33	1	21	DI	9642 A	598	0.0682	114		---															
WSC	Jun 24	1330	23.0	0.803	40	0.36	0.31	1	23	DI	9643 A	685	0.0555	81		605															
Remarks	Treated with 1 ml CuSO ₄ per bottle.																														
Checked by: Verité par Date: Aug 14 1984 CDN																															

White copy to be enclosed in shipments - Green copy retained by shipper

FIGURE 1: SEDIMENT SURVEY FIELD NOTES AND LABORATORY ANALYSIS RESULTS

ENVIRONMENT CANADA
WATER RESOURCES BRANCH - WATER SURVEY OF CANADA

8263
(a. 75)

TOTAL CONCENTRATION ANALYSIS

STREAM PEMBINA RIVER LOCATION near Windygates STATION NO. 0508007
TYPE OF SAMPLE DI DATE SAMPLE TAKEN 1984-05-20 to 1984-06-10

SAMPLE NUMBER		9634 A	B	9635 A	B	9636 A	B	9637 A	B	9638 A	B
WEIGHT OF SAMPLE	Gross Weight	690	641	700	666	830	812	687	662	622	603
	Tare Weight	370	368	368	373	370	376	371	366	367	365
	Weight (Vol)	320	273	332	293	460	436	316	296	255	238
	Total Sample Weight *		591		623		894		610		491
DISSOLVED SOLIDS	Volume Used		100		100		100		100		
	Dish Number		52 X		53 X		54 X		55 X		
	Gross Weight		44.4047		43.1073		45.0757		46.7194		
	Tare Weight		44.3474		43.0483		45.0152		46.6588		
WEIGHT OF SEDIMENT	Net Weight		0.0573		0.0590		0.0605		0.0606		
	DISSOLVED SOLIDS mg/l		573		590		605		606		
	Dish Number		2 I		3 I		4 I		5 I		6 I
	Gross Weight		31.6730		32.2117		31.6041		31.5133		31.9063
CONCENTRATION mg/L	Tare Weight		31.6582		32.1928		31.5797		31.4998		31.8904
	Net Weight		0.0148		0.0189		0.0244		0.0135		0.0159
			25		30		27		22		32

*Less CuSO4

Remarks:

Analyzed by CDN Date 1984-07-26
Computed by BAS Date 1984-07-30
Checked by DH Date 1984-07-30

FIGURE 2: LABORATORY WORK-SHEET FOR TOTAL CONCENTRATION ANALYSIS

SAMPLE IDENTIFICATION

STATION NAME: PEMBINA RIVER AT WINDYGATES
STATION NUMBER: 050B007
SAMPLE VERTICAL: 40
DATE COLLECTED: JUN 16 1984
SAMPLE TYPE: DI
SAMPLE NUMBER: 9639 AB

SUSPENDED SEDIMENT DATA

TUBE NUMBER: 05
CALIBRATION: 5.13 mL/cm
DISCARD VOLUME: 200 mL
COLUMN HEIGHT: 62.2 cm
LESS CUSO4: 2 mL
TEMPERATURE: 25 CELSIUS
NET VOLUME: 617.1 mL

DISSOLVED SOLIDS DATA

DISH NUMBER: 128X
VOLUME: 100 mL
GROSS WEIGHT: 45.2667 g
TARE WEIGHT: 45.2137 g
NET WEIGHT: 0.0530 g
CONCENTRATION: 530 mg/L
CORRECTION: 0.00169 g/cm

ELAPSED TIME	FALL HEIGHT	DRAUGHT	DISH NUMBER	GROSS WEIGHT	TARE WEIGHT	SEDIMENT WEIGHT	PERCENT IN SUSPENSION	TIME TO SETTLE
0.0	100.0						100.0	0.0
0.5	90.3	9.7	211	46.2929	46.1981	0.0784	95.1	0.6
1.0	80.1	10.2	212	36.8886	36.8107	0.0607	93.6	1.2
2.0	70.1	10.0	213	38.4578	38.3814	0.0595	91.7	2.9
5.0	60.0	10.1	214	34.9870	34.9074	0.0625	88.4	8.3
13.0	50.1	9.9	215	41.0687	40.9832	0.0688	81.2	25.9
32.0	40.0	10.1	216	36.2884	36.2014	0.0699	70.3	80.0
80.0	30.0	10.0	217	36.8450	36.7616	0.0665	53.9	266.7
160.0	20.0	10.0	218	38.6084	38.5442	0.0473	38.4	800.0
450.0	07.7	12.3	219	44.7627	44.7086	0.0333	21.9	5844.2
451.0	0.0	7.7	220	34.5191	34.4967	0.0094		

PARTICLE SIZE IN mm	PERCENT FINER THAN
1.000	100
0.500	100
0.250	98
0.125	96
0.062	94
0.031	92
0.016	81
0.008	70
0.004	46
0.002	27

SAND: 6.4%
SILT: 47.9%
CLAY: 45.7%

D16: ***** mm
D50: 0.005 mm
D84: 0.018 mm

TOTAL NET WEIGHT: 0.5562 g

CONCENTRATION: 901 mg/L

FIGURE 3: BOTTOM WITHDRAWAL TUBE PARTICLE SIZE ANALYSIS

APPENDIX 2
PUBLISHED DATA

ANNEXE 2
DONNÉES PUBLIÉES

ANNEXE 2

PUBLISHED DATA

Published data are available in the Sediment Data books wherein Canada was divided into eight regions. These data are published annually on a calendar-year basis and the stations are listed alphabetically. The following figures are examples of the data formats published.

FIGURE 4a and 4b: SUSPENDED SEDIMENT LOADS

For stations where the suspended sediment load was obtained, the following data are given where available:

The table of *Suspended Sediment Load* includes the daily mean discharge in cubic metres per second, the daily mean concentration in milligrams per litre, and the daily suspended sediment load in tonnes per day. The total monthly discharge and total monthly sediment load are also given for each month of record.

For stations where the sediment load in tonnes per day are produced for complete or partial years, the *Total Suspended Load* for the period is given in the descriptive information.

For stations where only suspended sediment concentrations are obtained, the table of *Suspended Sediment Load* will not be given.

Additional descriptive information about the sediment station is also given and will indicate the following, where applicable: location, drainage area, type of flow, type of gauge, international stations, contributed data and remarks.

FIGURE 5: INSTANTANEOUS SUSPENDED SEDIMENT DATA

The table of *Instantaneous Suspended Sediment Concentration* for depth-integrating samples includes the following: Date and Time of the sample collection; Water Temperature; Instantaneous Discharge at time of sampling, (if not available the daily mean discharge is given and indicated by a symbol); Single Sampling Vertical location; Dissolved Solids; Percent Sand, Silt and Clay; Type of Sampler used. The particle-size distribution of Sand, Silt and Clay, in percent is given where available.

FIGURE 6: POINT INTEGRATING PARTICLE-SIZE ANALYSIS

The table of *Point Integrating Particle-size of Suspended Sediment* includes the following: Date and Time of the sample collection; Water Temperature; Instantaneous Discharge for each sampling vertical; Sampling Vertical; Sample Depth; Concentration in milligrams per litre; Dissolved Solids, in milligrams per litre, and the Particle-size distribution in percent of the Sand, Silt and Clay are also given. The Type of Sampler used in the collection of the samples is indicated at the bottom of the table.

ANNEXE 2

DONNÉES PUBLIÉES

Les données publiées sont disponibles dans les *Données sur les sédiments* où le Canada est divisé en huit régions. Les données sont publiées annuellement (année civile), et les stations figurent par ordre alphabétique. Les figures énumérées ci-après constituent des exemples des modes de présentation de ces données.

FIGURES 4a et 4b : DÉBIT DES SÉDIMENTS EN SUSPENSION

Pour les stations de mesure du débit des sédiments en suspension, les données suivantes sont présentées, pour autant qu'elles sont disponibles :

Le tableau concernant le *débit des sédiments en suspension* (The table of *Suspended Sediment Load*) donne le débit journalier moyen de l'eau, en mètres cubes par seconde, la concentration journalière moyenne, en milligrammes par litre, et le débit journalier des sédiments en suspension, en tonnes par jour. Chaque mois, les données indiquent également les débits mensuels totaux de l'eau et des sédiments.

Dans le cas des stations où le débit des sédiments, en tonnes par jour, est fourni pour une année complète ou une partie de l'année, le total pour la période est indiqué.

Dans le cas des stations où seule la concentration des sédiments en suspension est obtenue, ce tableau est absent.

Des renseignements descriptifs additionnels au sujet de la station sont également présentés. On peut y apporter les précisions suivantes : emplacement, superficie du bassin versant, type de débit, type de jauge, station internationale, données fournies et remarques.

FIGURE 5 : DONNÉES INSTANTANÉES DE SÉDIMENTS EN SUSPENSION

Le tableau des *concentrations instantanées de sédiments en suspension* (The table of *Instantaneous Suspended Sediment Concentration*) pour les échantillons obtenus par intégration selon la profondeur comprend : la date et l'heure de prélèvement; la température de l'eau; son débit instantané au moment de l'échantillonnage (s'il n'est pas connu, le débit journalier moyen, avec symbole); l'emplacement de la verticale d'échantillonnage; la concentration des matières dissoutes; les pourcentages de sable, de limon et d'argile; le type d'échantillonneur employé. La granulométrie du sable, du limon et de l'argile, en pourcentage des particules, est donnée lorsqu'elle est disponible.

FIGURE 6 : ANALYSE GRANULOMÉTRIQUE DES ÉCHANTILLONS PONCTUELS INTÉGRÉS

Le tableau de la *granulométrie des échantillons ponctuels et intégrés des sédiments en suspension* (The table of *Point Integrating Particle-size of Suspended Sediment*) comprend : la date et l'heure de prélèvement de l'échantillon, le débit instantané pour chaque verticale d'échantillonnage, la température de l'eau, la verticale d'échantillonnage, la profondeur de l'échantillon, la concentration des sédiments, en milligrammes par litre, la concentration des matières dissoutes, en milligrammes par litre, et la granulométrie en pourcentage du sable, du limon et de l'argile. Le type d'échantillonneur employé est indiqué au bas du tableau.

FIGURE 7: BED LOAD PARTICLE-SIZE ANALYSIS

The table of *Bed Load Particle-size* includes the following: Date and Time of the sample collection; Instantaneous Discharge; Sampling Vertical and the Type of Sampler used in the collection of the sample and the Particle-size distribution, in percent, for each sample of bed load collected.

FIGURE 8: BED MATERIAL PARTICLE-SIZE ANALYSIS

The table of *Bed Material Particle-size* includes the following: Date and Time of the sample collection; Instantaneous Discharge; Sampling Vertical and the Type of Sampler used in the collection of the sample and the Particle-size distribution, in percent, for each sample of bed material collected.

FIGURE 9: HISTORICAL SEDIMENT DATA SUMMARY

The table of *Historical Sediment Data Summary* gives the following, for the period of record, where applicable.

- (a) Record Summary
- (b) Type of Sampling
- (c) Sampled Concentration, maximum and minimum
- (d) Suspended Sediment Load, maximum daily and the total, for the period, in tonnes
- (e) Summary, including mean load, the historical mean load and the standard error of the mean in percent.

FIGURE 7 : ANALYSE GRANULOMÉTRIQUE DES SÉDIMENTS CHARRIÉS

Le tableau de la *granulométrie des sédiments charriés* (The table of *Bed Load Particle-size*) comprend : la date et l'heure de prélèvement de l'échantillon, le débit instantané, la verticale d'échantillonnage et le type d'échantillonneur employé et le pourcentage des particules pour chaque échantillon recueilli du charriage.

FIGURE 8 : ANALYSE GRANULOMÉTRIQUE DES MATÉRIAUX DU LIT

Le tableau de la *granulométrie des matériaux du lit* (The table of *Bed Material Particle-size*) comprend : la date et l'heure de prélèvement de l'échantillon, le débit instantané, la verticale d'échantillonnage et le type d'échantillonneur employé et le pourcentage des particules pour chaque échantillon recueilli.

FIGURE 9 : SOMMAIRE CHRONOLOGIQUE DES DONNÉES SUR LES SÉDIMENTS

Le tableau du *sommaire chronologique des données sur les sédiments* (The table of *Historical Sediment Data Summary*) donne, pour la période pour laquelle les données sont disponibles, les renseignements suivants lorsque de telles données existent :

- a) le sommaire du relevé;
- b) le type d'échantillonnage;
- c) les concentrations mesurées, maximum et minimum;
- d) le débit des sédiments en suspension, maximum quotidien et le total pour la période en tonnes;
- e) le résumé, y compris le débit moyen, le débit moyen chronologique et l'erreur type de la moyenne en pourcentage.

MANITOBA
PEMBINA RIVER NEAR WINDYGATES - STATION NO. 050B007
SUSPENDED SEDIMENT FOR 1984

LOCATION: LAT 49 01 53 N LONG 98 18 40 W
DRAINAGE AREA: 7 500 km²
TYPE OF FLOW: REGULATED
TYPE OF GAUGE: RECORDING

INTERNATIONAL GAUGING STATION

TOTAL SUSPENDED SEDIMENT LOAD 1 789 85 TONNES FOR THE PERIOD JAN 01 TO DEC 31

REMARKS:

JAN			FEB			MAR			DAY
DAILY DISCHARGE (m ³ /s)	MEAN CON-CENTRATION (mg/L)	DAILY LOAD (t)	DAILY DISCHARGE (m ³ /s)	MEAN CON-CENTRATION (mg/L)	DAILY LOAD (t)	DAILY DISCHARGE (m ³ /s)	MEAN CON-CENTRATION (mg/L)	DAILY LOAD (t)	
1	0.002	0	0	0	0	0.009	8	0.01	1
2	0	0	0	0	0	0.005	8	0	2
3	0	0	0	0	0	0.007	4	0	3
4	0	0	0	0	0	0.008	2	0	4
5	0	0	0	0	0	0.004	1	0	5
6	0.003	0	0	0	0	0.001	0	0	6
7	0.007	0	0	0	0	0	0	0	7
8	0.003	0	0	0	0	0	0	0	8
9	0.001	0	0	0	0	0	0	0	9
10	0	0	0	0	0	0	0	0	10
11	0	0	0	0	0	0	0	0	11
12	0	0	0	0	0	0	0	0	12
13	0	0	0	0	0	0	0	0	13
14	0	0	0	0	0	0	0	0	14
15	0	0	0	0	0	0	0	0	15
16	0	0	0	0	0	0	0	0	16
17	0	0	0	0	0	0	0	0	17
18	0	0	0	0	0	0	0	0	18
19	0	0	0	0	0	0.005	2	0	19
20	0	0	0	0	0	0.020	20	0.03	20
21	0	0	0.005	30	0.01	0.100	50	0.43	21
22	0	0	0.015	70 S	0.09	0.300	100	2.59	22
23	0	0	0.030	80	0.18	0.338	114 S	5.28	23
24	0	0	0.020	50	0.09	0.334	117	3.38	24
25	0	0	0.015	40	0.05	0.287	122 S	3.03	25
26	0	0	0.013	30	0.05	0.180	107	1.44	26
27	0	0	0.021	20	0.04	0.258	81 S	1.81	27
28	0	0	0.017	15	0.02	0.537	72 S	3.34	28
29	0	0	0.013	10	0.01	0.821	97 S	7.72	29
30	0	0	0	0	0	1.19	115 S	11.8	30
31	0	0	0	0	0	1.77	128 S	19.7	31
TOTAL	0.018	0	0.184		0.52	8.452		80.80	TOTAL

APR			MAY			JUN			DAY
DAILY DISCHARGE (m ³ /s)	MEAN CON-CENTRATION (mg/L)	DAILY LOAD (t)	DAILY DISCHARGE (m ³ /s)	MEAN CON-CENTRATION (mg/L)	DAILY LOAD (t)	DAILY DISCHARGE (m ³ /s)	MEAN CON-CENTRATION (mg/L)	DAILY LOAD (t)	
1	2.10	109 S	1.98	22 S	3.73	1.83	29	4.84	1
2	2.58	100 S	1.70	14 S	2.06	1.94	28	4.85	2
3	3.02	128 S	1.54	11 S	1.48	1.98	28 S	4.79	3
4	3.37	128 S	1.85	11	1.47	2.07	29	5.19	4
5	3.59	106 S	1.73	14	2.08	2.25	30	5.83	5
6	3.11	88	1.91	21 S	3.47	2.45	30	6.35	6
7	2.79	57 S	2.27	31 S	6.08	2.72	30	7.09	7
8	2.25	42 S	2.53	35	7.85	2.86	31	7.95	8
9	1.89	33	2.83	40	9.78	2.98	32	8.24	9
10	1.74	25 S	2.79	38	9.18	2.92	32 S	8.07	10
11	1.85	21 S	2.55	38	7.94	3.83	34	18.3	11
12	1.78	22	2.80	34	7.84	4.51	78	30.4	12
13	1.84	25 S	2.55	31 S	8.83	3.79	72 S	23.8	13
14	1.82	27 S	2.55	30	8.81	3.19	83	17.4	14
15	1.81	28 S	2.35	30	8.08	3.30	107	30.5	15
16	1.83	28	2.18	28	8.27	8.81	99.3 S	739	16
17	1.78	30 S	2.08	27	4.81	5.07	325 S	142	17
18	1.70	27	1.89	27	4.41	3.70	137	43.8	18
19	1.83	31 S	1.81	28	4.07	2.88	110 S	25.5	19
20	1.51	18	1.81	28 S	4.28	2.41	99	20.8	20
21	1.43	18	2.23	38	7.33	2.34	90	18.2	21
22	1.39	19 S	2.28	38	8.09	2.18	83 S	15.4	22
23	1.33	18	2.45	38	7.23	1.84	89	11.8	23
24	1.37	17 S	2.43	33	8.93	1.88	53 S	8.52	24
25	1.23	15	2.39	32	8.61	1.88	44	8.31	25
26	1.20	15	2.38	31	8.22	1.75	61 S	9.22	26
27	1.35	30	2.28	30 S	5.91	1.87	41	5.56	27
28	1.57	51	2.19	28	5.30	1.43	33 S	4.08	28
29	1.95	49	2.08	27 S	4.85	1.32	35	2.85	29
30	2.29	34 S	2.04	28	5.11	1.20	18	1.87	30
31			1.98	28	4.98				31
TOTAL	58.87	274.33	88.55		173.80	82.51	1 237.59		TOTAL

S - ICE CONDITIONS

S - SAMPLE(S) COLLECTED THIS DAY

FIGURE 4a: SUSPENDED SEDIMENT LOADS

MANITOBA
PEMBINA RIVER NEAR WINDYGATES - STATION NO. 0508007
SUSPENDED SEDIMENT FOR 1984

JUL				AUG				SEP			
DAY	DAILY DISCHARGE (m³/s)	MEAN CON-CENTRATION (mg/L)	DAILY LOAD (t)	DAILY DISCHARGE (m³/s)	MEAN CON-CENTRATION (mg/L)	DAILY LOAD (t)	DAILY DISCHARGE (m³/s)	MEAN CON-CENTRATION (mg/L)	DAILY LOAD (t)	DAY	
1	1.07	14 S	1.28	0.052	9	0.04	0	0	0	1	
2	1.09	12	1.13	0.081	10	0.05	0	0	0	2	
3	1.02	11	0.97	0.050	8	0.03	0.001	0	0	3	
4	0.928	11	0.88	0.033	8	0.04	0.001	0	0	4	
5	0.814	10 S	0.70	0.052	8 S	0.04	0.001	0	0	5	
6	0.723	11	0.69	0.050	8	0.03	0.002	0	0	6	
7	0.631	11	0.60	0.045	8	0.03	0.003	1	0	7	
8	0.628	11 S	0.60	0.051	9 S	0.04	0.003	2	0	8	
9	0.602	11	0.57	0.047	9	0.04	0.003	3	0	9	
10	0.557	11	0.53	0.041	9	0.03	0.003	4	0	10	
11	0.502	11	0.48	0.037	8	0.03	0.004	4	0	11	
12	0.438	11 S	0.42	0.033	8 S	0.02	0.012	8	0.01	12	
13	0.480	14	0.58	0.021	8	0.02	0.010	9	0.01	13	
14	0.431	16	0.60	0.027	9 S	0.02	0.007	8	0	14	
15	0.314	10 S	0.27	0.024	9	0.02	0.001	2	0	15	
16	0.288	10	0.23	0.019	9	0.01	0	0	0	16	
17	0.225	11	0.21	0.019	10	0.02	0	0	0	17	
18	0.197	12 S	0.20	0.017	10	0.01	0	0	0	18	
19	0.183	12	0.17	0.014	10	0.01	0	0	0	19	
20	0.124	12	0.13	0.015	10 S	0.01	0	0	0	20	
21	0.123	12	0.13	0.014	10	0.01	0	0	0	21	
22	0.135	12 S	0.14	0.013	9	0.01	0	0	0	22	
23	0.084	11	0.08	0.009	7	0.01	0	0	0	23	
24	0.087	10	0.08	0.008	8	0	0	0	0	24	
25	0.071	10 S	0.06	0.007	5	0	0	0	0	25	
26	0.088	10	0.08	0.008	3 S	0	0	0	0	26	
27	0.082	10	0.08	0.004	2	0	0	0	0	27	
28	0.060	9	0.05	0.001	1 S	0	0	0	0	28	
29	0.053	9 S	0.04	0.001	0	0	0	0	0	29	
30	0.054	9	0.04	0	0	0	0	0	0	30	
31	0.058	10	0.05	0	0	0	0	0	0	31	
TOTAL	12.057		12.03	0.801		0.57	0.051		0.02	TOTAL	

OCT				NOV				DEC			
DAY	DAILY DISCHARGE (m³/s)	MEAN CON-CENTRATION (mg/L)	DAILY LOAD (t)	DAILY DISCHARGE (m³/s)	MEAN CON-CENTRATION (mg/L)	DAILY LOAD (t)	DAILY DISCHARGE (m³/s)	MEAN CON-CENTRATION (mg/L)	DAILY LOAD (t)	DAY	
1	0	0	0	0.026 S	4	0.01	0.011 S	0	0	1	
2	0	0	0	0.025 S	4	0.01	0.010 S	0	0	2	
3	0	0	0	0.033 S	4	0.01	0.009 S	0	0	3	
4	0	0	0	0.068 S	4	0.02	0.008 S	0	0	4	
5	0	0	0	0.045 S	4	0.02	0.008 S	0	0	5	
6	0	0	0	0.036 S	4	0.01	0.010 S	0	0	6	
7	0.001	1	0	0.026 S	3.5	0.01	0.012 S	0	0	7	
8	0.002	1	0	0.019 S	3	0	0.014 S	0	0	8	
9	0.004	2	0	0.016 S	3	0	0.014 S	0	0	9	
10	0.003	3	0	0.015 S	2	0	0.011 S	0	0	10	
11	0.002	3	0	0.021 S	2	0	0.006 S	0	0	11	
12	0.003	4	0	0.024 S	2	0	0.004 S	0	0	12	
13	0.004	5	0	0.024 S	1	0	0.006 S	0	0	13	
14	0.004	5	0	0.025 S	1	0	0.009 S	0	0	14	
15	0.016	8	0.01	0.019 S	0	0	0.010 S	0	0	15	
16	0.033	11	0.03	0.017 S	0	0	0.007 S	0	0	16	
17	0.017	9	0.01	0.019 S	0	0	0.002 S	0	0	17	
18	0.012	8	0.01	0.021 S	0	0	0.001 S	0	0	18	
19	0.039	10	0.03	0.022 S	0	0	0.003 S	0	0	19	
20	0.046	9	0.04	0.022 S	0	0	0.004 S	0	0	20	
21	0.046	10	0.04	0.022 S	0	0	0.002 S	0	0	21	
22	0.051	11	0.05	0.019 S	0	0	0.001 S	0	0	22	
23	0.045	9	0.03	0.015 S	0	0	0.001 S	0	0	23	
24	0.042	7	0.03	0.012 S	0	0	0	0	0	24	
25	0.038	7	0.02	0.010 S	0	0	0	0	0	25	
26	0.038	5	0.02	0.009 S	0	0	0	0	0	26	
27	0.044 S	5	0.02	0.011 S	0	0	0	0	0	27	
28	0.036 S	5	0.02	0.013 S	0	0	0	0	0	28	
29	0.046 S	5	0.02	0.013 S	0	0	0	0	0	29	
30	0.028 S	5	0.01	0.012 S	0	0	0	0	0	30	
31	0.027 S	5	0.01				0	0	0	31	
TOTAL	0.825		0.40	0.853		0.09	0.184			TOTAL	

S - ICE CONDITIONS

S - SAMPLE(S) COLLECTED THIS DAY

FIGURE 4b: SUSPENDED SEDIMENT LOADS

MANITOBA
PENBINA RIVER NEAR WINDYGATES - STATION NO. 0608007
INSTANTANEOUS SUSPENDED SEDIMENT FOR 1984

DATE	TIME	WATER	INSTANT	INSTANT	SINGLE	PERCENT FINER THAN INDICATED SIZE, IN MILLIMETRES										DISSOLVED	PERCENT				TYPE	
		TEMP.	DISCHARGE	CONCENT.		SAMPLING	.002	.004	.008	.015	.031	.062	.125	.250	.500	1.00	2.00	SOLIDS	SAND	SILT		CLAY
		(°C)	(m³/s)	(mg/L)	VERTICAL	(m)											(mg/L)					OF
FEB 22	12:00	0.5	0.015 W	70	MID													419				DM48
MAR 23	14:00	0.5	0.528 W	114	MID													389				DM48
MAR 25	10:20	0.0	0.287 W	123	MID																	DM48
MAR 27	12:00	0.5	0.258 W	78	MID																	DM48
MAR 28	18:20	0.0	0.537 W	72	MID																	DM48
MAR 29	18:55	0.0	0.821 W	110	MID																	DM48
MAR 30	18:27	0.5	1.15 W	135	MID													285				DM59
MAR 31	19:05	0.5	1.77 W	138	MID																	DM59
APR 01	14:20	2.0	2.10 W	98	MID																	DM59
APR 02	18:00	2.5	2.58 W	101	MID																	DM59
APR 03	12:00	2.0	3.02 W	147	MID													329				DM48
APR 04	15:45	3.0	3.37 W	135	MID																	DM59
APR 05	18:50	5.0	3.59 W	87	MID																	DM59
APR 07	09:15	5.0	2.85	87	MID																	DM59
APR 08	09:30	5.0	2.24	42	MID																	DM59
APR 10	08:15	5.5	1.82	28	MID																	DM59
APR 11	18:40	8.5	1.61	20	MID													415				DM59
APR 12	11:15	7.0	1.83	25	MID																	DM59
APR 14	09:25	5.0	1.83	25	MID																	DM59
APR 15	09:00	5.0	1.78	27	MID																	DM59
APR 17	12:00	11.0	1.75	30	MID																	DM48
APR 19	19:00	18.0	1.83	19	MID													370				DM48
APR 22	09:00	11.0	1.40	18	MID													558				DM48
APR 24	08:45	10.0	1.28	16	MID													587				DM48
APR 30	18:45	7.0	2.20	31	MID																	DM48
MAY 01	17:40	8.0	1.82	18	MID													543				DM48
MAY 02	19:00	11.0	1.85	12	MID																	DM48
MAY 03	18:25	15.0	1.83	9	MID																	DM48
MAY 06	09:30	12.0	1.88	19	MID																	DM48
MAY 07	12:00	10.0	2.34	34	MID																	DM48
MAY 13	09:45	10.0	2.50	31	MID													805				DM48
MAY 20	18:15	13.0	2.04	25	MID													555				DM48
MAY 27	18:40	19.0	2.25	30	MID													573				DM48
MAY 29	12:20	17.0	2.08	27	MID													590				DM48
JUN 03	08:30	14.0	1.85	22	MID													805				DM48
JUN 10	09:15	12.0	2.92	32	MID																	DM48
JUN 16	16:45	25.0	7.55	501	MID		27	45	70	81	92	94	98	98	100			530	5	45	45	DM59
JUN 17	21:15	24.0	4.88	172	MID																	DM59
JUN 19	08:45	19.0	2.78	114	MID																	DM59
JUN 22	20:10	24.0	2.04	81	MID																	DM59
JUN 24	13:30	23.0	1.83	49	MID													805				DM59
JUN 26	10:30	19.0	1.71	84	MID																	DM59
JUN 28	18:45	21.0	1.87	51	MID																	DM48
JUN 28	08:15	19.0	1.45	34	MID																	DM48
JUL 01	19:00	28.0	1.05	12	MID																	DM48
JUL 05	09:25	18.0	0.830	10	MID													829				DM48
JUL 08	08:20	18.0	0.841	11	MID																	DM48
JUL 12	18:15	28.0	0.394	11	MID													828				DM48
JUL 15	10:40	18.0	0.330	10	MID																	DM48
JUL 18	10:00	19.0	0.211	12	MID													842				DM48
JUL 22	09:05	22.0	0.151	12	MID																	DM48
JUL 26	08:55	19.0	0.070	10	MID													859				DM48
JUL 29	09:30	24.0	0.053	9	MID																	DM48
AUG 05	13:00	25.0	0.052	8	MID													872				DM48
AUG 08	19:00	24.0	0.054	9	MID													883				DM48
AUG 12	11:00	24.0	0.034	8	MID																	DM48
AUG 14	13:30	24.0	0.027	27	MID																	DM48
AUG 20	19:00	22.0	0.017	10	MID																	DM48
AUG 26	18:40	27.0	0.005	19	MID													873				DM48
AUG 28	13:06	24.0	0.001	15	MID													895				DM48
NOV 07	11:00	0.5	0.025 W	3	MID													744				DIP

NOTE : SINGLE VERTICAL LOCATED AT MIDSTREAM

DISCHARGE SYMBOL(S): W - DAILY MEAN, ICE CONDITIONS

FIGURE 5: INSTANTANEOUS SUSPENDED SEDIMENT DATA

MANITOBA

PEMBINA RIVER NEAR WINDYGATES - STATION NO. 0808907

POINT INTEGRATING PARTICLE-SIZE ANALYSIS OF SUSPENDED SEDIMENT FOR 1984

DATE	TIME	INSTANT DISCHARGE (m ³ /s)	WATER TEMP (°C)	SAMPLING VERTICAL (m)	DEPTH OF SAMPLE (m)	CONCENT OF SAMPLE (mg/L)	PERCENT FINER THAN INDICATED SIZE, IN MILLIMETRES											DISSOLVED SOLIDS (mg/L)	PERCENT SAND SILT CLAY		
							002	004	008	016	031	062	125	250	500	1.00	2.00		SAND	SILT	CLAY
JUN 19 14:48	1280	13.0	91	0.18	180	DATA NOT AVAILABLE												84			
JUN 19 14:48	1280	13.0	91	2.58	237	24	31	40	53	68	85	97	100					78	15	54	31
JUN 19 14:48	1280	13.0	91	5.19	282	18	21	32	47	60	78	84	95	100				72	21	68	21
JUN 19 14:48	1280	13.0	91	7.75	341	10	15	27	42	55	68	83	100					77	32	53	15
JUN 19 14:48	1280	13.0	91	10.4	388	11	17	28	39	53	71	85	95	99	100			75	25	54	17
JUN 19 14:48	1280	13.0	91	11.7	408	8	11	20	32	42	53	77	84	100				78	47	42	11
JUN 19 14:48	1280	13.0	91	12.8	518	4	6	11	19	26	38	52	81	87	100			68	84	30	5
JUN 19 14:48	1280	13.0	91	13.0		STREAMBED															
JUN 19 15:03	1520	13.0	183	0.18	234	15	25	37	53	69	84	95	100					88	18	59	25
JUN 19 15:03	1520	13.0	183	2.51	257	8	18	24	35	47	59	77	89	97	100			85	41	43	18
JUN 19 15:03	1520	13.0	183	5.02	385	10	15	24	34	44	56	75	92	100				71	44	41	15
JUN 19 15:03	1520	13.0	183	7.53	480	8	10	18	28	38	48	62	78	93	100			78	54	38	10
JUN 19 15:03	1520	13.0	183	10.0	788	8	9	13	19	24	31	47	91	100				78	89	22	9
JUN 19 15:03	1520	13.0	183	11.3	957	3	5	9	13	18	24	39	77	97	100			71	78	19	5
JUN 19 15:03	1520	13.0	183	12.4	1480	2	4	8	9	11	18	21	43	84	100			71	84	12	4
JUN 19 15:03	1520	13.0	183	12.8		STREAMBED															
JUN 19 15:20	1540	13.0	274	0.15	285	12	19	30	44	59	75	88	97	99	100			72	25	58	19
JUN 19 15:20	1540	13.0	274	2.48	281	3	11	21	33	45	63	81	95	100				85	37	52	11
JUN 19 15:20	1540	13.0	274	4.86	342	3	9	15	24	38	51	71	86	98	100			90	48	42	9
JUN 19 15:20	1540	13.0	274	7.44	398	2	8	15	23	34	47	67	84	95	100			81	53	41	6
JUN 19 15:20	1540	13.0	274	9.82	528	8	11	18	22	28	39	57	77	90	100			84	61	28	11
JUN 19 15:20	1540	13.0	274	11.2	728	3	5	10	17	21	27	43	63	84	100			79	72	21	6
JUN 19 15:20	1540	13.0	274	12.3	893	3	5	9	13	17	28	34	48	82	100			78	78	20	5
JUN 19 15:20	1540	13.0	274	12.4		STREAMBED															
JUN 19 15:37	1470	13.0	388	0.15	213	26	30	41	59	75	80	95	100					71	10	80	30
JUN 19 15:37	1470	13.0	388	2.81	279	14	19	32	47	60	76	83	100					85	24	57	19
JUN 19 15:37	1470	13.0	388	5.23	283	8	12	24	36	49	65	85	96	99	100			77	35	52	12
JUN 19 15:37	1470	13.0	388	7.83	314	11	15	24	34	45	60	80	93	99	100			75	40	44	15
JUN 19 15:37	1470	13.0	388	10.4	348	10	15	25	35	46	60	72	84	95	100			72	40	45	15
JUN 19 15:37	1470	13.0	388	11.8	378	5	9	17	29	40	53	71	83	94	100			85	47	44	9
JUN 19 15:37	1470	13.0	388	12.8	847	3	5	11	17	23	31	44	60	79	100			78	59	28	5
JUN 19 15:37	1470	13.0	388	13.1		STREAMBED															
JUN 19 15:56	1270	13.0	457	0.15	175	12	21	37	54	75	82	98	100					86	8	71	21
JUN 19 15:56	1270	13.0	457	2.53	200	8	13	23	32	47	67	83	97	100				65	17	70	13
JUN 19 15:56	1270	13.0	457	5.09	218	13	21	36	54	70	84	98	100					85	18	53	21
JUN 19 15:56	1270	13.0	457	7.59	247	27	32	48	68	70	83	96	99	100				74	17	51	32
JUN 19 15:56	1270	13.0	457	10.1	290	17	23	34	47	61	75	92	99	100				72	25	52	23
JUN 19 15:56	1270	13.0	457	11.4	280	17	23	33	44	58	71	88	98	100				76	29	49	22
JUN 19 15:56	1270	13.0	457	12.5	355	17	24	32	42	52	64	87	98	100				74	38	40	24
JUN 19 15:56	1270	13.0	457	12.7		STREAMBED															

NOTE: SINGLE VERTICAL LOCATED AT 274 METRES

FIGURE 5. POINT INTEGRATING PARTICLE-SIZE ANALYSIS

MANITOBA
 PEMBINA RIVER NEAR WINDYCATS - STATION NO. 0508007
 BED LOAD PARTICLE-SIZE ANALYSIS FOR 1984

DATE	TIME	INSTANT.	SAMPLING	PERCENT FINER THAN INDICATED SIZE, IN MILLIMETRES														TYPE OF SAMPLER
		DISCHARGE	VERTICAL	.018	.031	.062	.125	.250	.500	1.00	2.00	4.00	8.00	16.00	32.00	64.00		
		(m ³ /s)	(m)															
JUN 13	11:00	7290	91				1	8	83	99	100							
JUN 13	11:22	7310	183				1	8	80	100								ARN
JUN 13	11:49	7320	274					2	26	98	100							ARN
JUN 13	12:13	7380	386					1	11	81	94							ARN
JUN 13	12:29	7370	457				2	11	32	73	82	88	88	97	100			ARN
JUN 19	18:11	8790	91				1	7	61	98	100							
JUN 19	18:22	8790	183				1	8	41	99	100							ARN
JUN 19	18:35	8790	274					3	24	99	100							ARN
JUN 19	18:51	8790	386					1	8	81	98	88	88	99	100			ARN
JUN 19	17:02	8790	457				1	3	18	94	100							ARN
JUN 22	08:58	8020	31				5	28	48	88	100							
JUN 22	10:07	8020	81				2	17	79	95	98	100						ARN
JUN 22	10:17	8040	91				1	8	56	98	100							ARN
JUN 22	10:28	8030	122				1	8	54	98	100							ARN
JUN 22	10:35	8030	162					2	29	99	100							ARN
JUN 22	10:47	8020	183					2	24	98	100							ARN
JUN 22	11:18	8010	213					2	38	100								ARN
JUN 22	11:25	8010	244					3	37	100								ARN
JUN 22	11:34	8010	274					2	21	98	100							ARN
JUN 22	11:44	8000	305					2	18	98	100							ARN
JUN 22	11:55	8000	335					2	14	98	100							ARN
JUN 22	12:10	7990	386					3	12	94	100							ARN
JUN 22	12:20	7990	398					1	7	88	98	88	88	99	100			ARN
JUN 22	12:29	7990	427					1	4	89	98	98	100					ARN
JUN 22	12:39	7990	457						3	85	84	88	91	93	98	100		ARN
JUN 22	12:50	7990	488					1	9	81	98	100						ARN
JUN 22	12:59	8000	518					17	42	83	100							ARN
JUL 4	10:58	9080	31				11	37	88	90	98	100						
JUL 4	11:15	9070	81				1	9	82	99	100							ARN
JUL 4	11:28	9050	81					2	49	98	100							ARN
JUL 4	11:42	9080	122					2	48	98	100							ARN
JUL 4	12:07	9080	152					3	41	100								ARN
JUL 4	12:19	9110	183				1	8	80	99	98	100						ARN
JUL 4	12:45	9120	244					1	22	99	100							ARN

FIGURE 7: BED LOAD PARTICLE-SIZE ANALYSIS

MANITOBA
 PEMBINA RIVER NEAR WINDYCATS - STATION NO. 0508007
 BED MATERIAL PARTICLE-SIZE ANALYSIS FOR 1984

DATE	TIME	INSTANT. DISCHARGE (m ³ /s)	SAMPLING VERTICAL (m)	PERCENT FINER THAN INDICATED SIZE, IN MILLIMETRES																TYPE OF SAMPLER
				.004	.008	.015	.031	.062	.125	.250	.500	1.00	2.00	4.00	8.00	16.00	32.00	64.00		
MAY 14	08:45	0.738	0.0					1	10	30	82	98	100							SCDOP
MAY 14	08:45	0.738	2.0					1	1	2	4	7	9	12	18	27	41	75	100	SCDOP
MAY 14	08:45	0.738	4.0								1	2	3	4	8	9	17	58	100	SCDOP
MAY 14	08:45	0.738	8.0						1	1	2	2	3	3	4	8	10	37	100	SCDOP
MAY 14	08:45	0.738	8.0								1	1	2	3	4	8	10	28	100	SCDOP
MAY 14	08:45	0.738	10								4	15	48	83	88	100				SCDOP

FIGURE 8: BED MATERIAL PARTICLE-SIZE ANALYSIS

MANITOBA
PEMBINA RIVER NEAR WINDYCATS - STATION NO. 0508007
HISTORICAL SEDIMENT DATA SUMMARY

YEAR	PERIOD OF RECORD	TYPE OF OPERATION	SAMPLED CONCENTRATION		SUSPENDED SEDIMENT LOAD		SUMMARY : JAN-DEC			
			MAXIMUM	MINIMUM	MAXIMUM DAILY	TOTAL FOR PERIOD (TONNES)	MEAN LOAD (TONNES)	HISTORICAL MEAN LOAD (TONNES)	STANDARD ERROR OF MEAN	
			(mg/L)	(mg/L)	(TONNES)	(TONNES)				
1962	APR-DEC	M-S	1 460 APR 20	8 JUN 28	8 890 APR 21	30 400				
1963	JAN-DEC	M-C	520 JUN 07	0 JAN 28	298 JUN 08	8 480		23.2	23.2	
1964	JAN-DEC	M-C	588 APR 21	12 JUL 12	378 APR 21	12 400		34.0	28.8 18.8	
1965	JAN-DEC	M-C	1 880 MAY 05	8 AUG 12	8 300 APR 14	87 800		158	71.7 80.3	
1966	JAN-DEC	M-C	1 730 APR 01	11 NOV 21	8 470 APR 01	88 400		237	113 48.8	
1967	JAN-DEC	M-C	5 800 APR 20	0 OCT 02	13 800 APR 20	85 800		238	137 34.1	
1968	JAN-DEC	M-C	1 070 MAR 28	20 JUL 10	1 850 MAR 28	23 200		83.5	128 32.1	
1969	JAN-DEC	M-C	1 230 APR 12	8 JAN 08	8 770 APR 18	144 000		398	184 31.3	
1970	JAN-DEC	M-C	2 830 APR 28	30 OCT 03	18 800 APR 28	178 000		488	204 28.5	
1971	JAN-DEC	M-C	1 430 APR 11	20 OCT 18	17 500 APR 11	180 000		437	230 28.7	
1972	JAN-DEC	M-C	1 870 APR 11	17 OCT 18	8 040 APR 11	103 000		282	238 22.8	
1973	JAN-DEC	M-C	388 JUL 28	24 SEP 18	73.4 AUG 08	2 590		7.11	215 24.3	
1974	JAN-DEC	M-C	3 870 APR 18	25 AUG 18	28 300 MAY 21	383 000		1 080	287 30.1	
1975	JAN-DEC	M-C	1 180 MAY 01	10 FEB 25	3 480 MAY 12	90 800		248	284 28.0	
1976	JAN-DEC	M-C	2 320 APR 05	20 AUG 03	12 400 APR 06	288 000		790	320 28.7	
1977	JAN-DEC	M-C	1 310 MAY 19	13 APR 17	274 MAY 22	1 480		4.00	289 28.5	
1978	JAN-DEC	M-C	2 110 APR 08	5 MAR 28	4 240 APR 09	41 500		114	287 28.1	
1979	JAN-DEC	M-C	2 080 APR 21	15 AUG 12	20 200 APR 22	352 000		888	327 24.8	
1980	JAN-DEC	M-C	1 280 MAY 28	13 JAN 18	388 MAY 28	3 330		8.11	308 28.4	
1981	JAN-DEC	M-C	2 180 MAY 23	8 NOV 18	1 830 MAY 23	4 370		12.0	284 28.8	
1982	JAN-DEC	M-C	4 880 JUN 07	8 SEP 18	12 800 JUN 07	83 100		148	286 28.3	
1983	JAN-DEC	M-C	1 810 APR 08	4 AUG 07	3 890 APR 08	48 400		127	279 24.8	
1984	FEB-NOV	M-C	901 JUN 18	3 NOV 07	738 JUN 18	1 780		4.81	288 28.2	

M - MANUAL SAMPLING

C - CONTINUOUS OPERATION

S - SEASONAL OPERATION

* - EXTREME FOR PERIOD OF RECORD

FIGURE 9: HISTORICAL SEDIMENT DATA SUMMARY

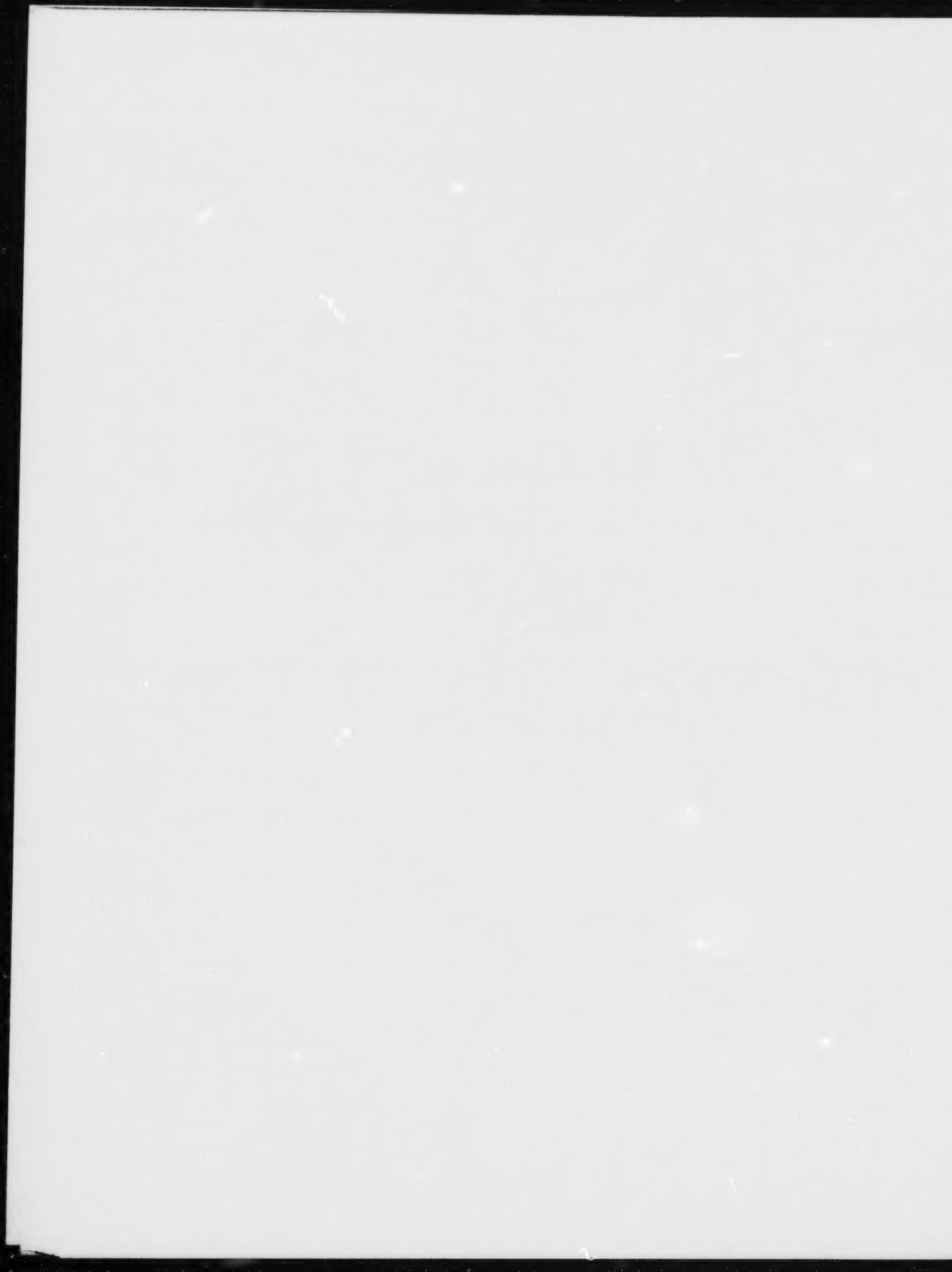
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APPENDIX 3

SEDIMENT SURVEY PUBLISHED REPORTS

ANNEXE 3

RAPPORTS PUBLIES AU SUJET DE L'ÉTUDE DES SÉDIMENTS



APPENDIX 3

SEDIMENT SURVEY PUBLISHED REPORTS

The Sediment Survey has published a number of reports in the past years relating to sediment equipment, issues, manuals and studies. Copies of the reports are available on interdepartmental branch library loan or by contacting WATDOC, Water Planning and Management Branch, Environment Canada, Ottawa, Ontario, K1A 0H3 (819 997-2324).

ANNEXE 3

RAPPORTS PUBLIÉS AU SUJET DE L'ÉTUDE DES SÉDIMENTS

Au cours des dernières années, la Section de l'étude des sédiments a publié plusieurs rapports concernant le matériel utilisé, les problèmes, les guides et les études ayant trait aux sédiments. On peut obtenir des exemplaires de ces rapports en demandant un prêt entre bibliothèques ministérielles ou en communiquant avec le WATDOC, Direction de la planification et de la gestion (eaux), Environnement Canada, Ottawa (Ontario) K1A 0H3 (819 997-2324).

WSC Report No./ RHC - Rapport n°	Title/Titre	Author(s)/Auteurs
IWD-HQ-WRB-SS-88-1	Statistical Modelling of Concentration	M.P. Thompson H. Joe M. Church
IWD-HQ-WRB-SS-88-2	Sediments in Water Quality Assessments: Opportunities for Integrating Water Quality and Water Resources Branches' Activities	D.P. Blachford T.J. Day
IWD-HQ-WRB-SS-88-3	Interpretation of Suspended Sediment Characteristics, Red River at Emerson, Manitoba, 1978-1986	H. Glavic T.J. Day T.R. Yuzyk
IWD-HQ-WRB-SS-88-4	Bed Material Sampling in Sand - Bed Streams	P.E. Ashmore T.R. Yuzyk R. Herrington
IWD-HQ-WRB-SS-88-5	Similarity of Estimates of Suspended Sediment by Water Quality Branch and Water Resources Branch for Sites in the Saskatchewan Basin	L.R. Linton H.R. Hamilton M. Fuglem
IWD-HQ-WRB-SS-88-6	Office Procedures for Sediment Data Computations	M.A. Cashman
IWD-HQ-WRB-SS-88-7	Digitizing Procedures for Suspended Sediment Data	M.A. Cashman
IWD-HQ-WRB-SS-88-8	Proceedings of the National Sediment Program Meeting: September 29-30, 1988, Calgary, Alberta	T.J. Day
IWD-HQ-WRB-SS-88-9	Sediment Survey Equipment Catalogue	M.A. Cashman
IWD-HQ-WRB-SS-87-1	Repeatability and Sensitivity Study of Suspended Sediment Data Computation	M.A. Cashman
IWD-HQ-WRB-SS-87-2	Bed Degradation on the South Saskatchewan River below Lake Diefenbaker	T.R. Yuzyk
IWD-HQ-WRB-SS-87-3	Impacts of Mass Movement Events on Rivers in the Southern Coastal Mountains, British Columbia: Summary Report	P. Jordan & Assoc.
IWD-HQ-WRB-SS-87-4	Linking Sediment Computations to a 1-D Mathematical Model	P. Zrymiak
IWL-HQ-WRB-SS-87-5	Sediment Transport in Lower Fraser River: Summary of Results and Field Excursion Guide	M. Church D. McLean R. Kostaschuk B. Tassone
IWD-HQ-WRB-SS-87-6	Hydrographic Data Reduction and Analysis System Manual - HYDRA	J.L. McIlhinney
IWL-HQ-WRB-SS-87-7	Méthodes d'échantillonnage des sédiments en suspension-variabilité et corrélation	F. Lapointe
IWL-HQ-WRB-SS-87-8	Évaluation de rendement de pompes compatibles à l'échantillonneur automatique	F. Lapointe
IWL-HQ-WRB-SS-87-9	A Compilation of Sediment Survey Report Series Abstracts to 1987	M.A. Cashman
IWD-AR-WRB-87-129	Interpretation of Sediment Data 1966-1984 Kennebecasis River, N.B.	R.A. Pol
IWD-OR-WRB-SS-87-1	Ontario Sediment-Related Literature: Annotated Bibliography	G.G. Binda T.J. Day

WSC Report No./ RHC - Rapport n°	Title/Titre	Author(s)/Auteurs
IWD-OR-WRB-SS-87-2	Sediment Data Reference Index Ontario	G.G. Binda
IWD-OR-WRB-SS-87-3	Sediment Station Analysis: Big Creek Near Walsingham - 07GC007	B.D. Smith
IWD-WNR(A)-WRB-SS-87-1	Sediment Station Analysis: Red Deer River (05CC002 05CE001 05CK004)	Hydrocon Eng.
IWD-WNR(A)-WRB-SS-87-2	Sediment Station Analysis: Milk River Basin	M.O. Spitzer
IWD-WNR(A)-WRB-SS-87-3	An Interpretative Study of the Upper Oldman River Sediment Regime	H.R. Hudson R.W. Askin
IWD-WNR(M)-WRB-SS-87-1	Proceedings of the Manitoba Sediment Issues Workshop: November 18-19, 1986, Winnipeg, Manitoba	T.R. Yuzyk
IWD-WNR(M)-WRB-SS-87-2	Sediment Station Analysis: Pembina River Near Windygates 05OB007	Hydrocon Eng.
IWD-WNR(M)-WRB-SS-87-3	A Compilation of Manitoba Sediment Data to 1985	F. Penner T.R. Yuzyk R. Oshoway
IWD-WNR(S)-WRB-SS-87-1	Sediment Station Analysis: North Saskatchewan River at Prince Albert 05GG001	P.E. Ashmore
IWD-WNR(NWT)-WRB-SS-87-1	Sediment Transfer Along Mackenzie River: A Feasibility Study	M. Church M. Miles K. Rood
IWD-WNR(NWT)-WRB-SS-87-2	Mackenzie Delta Sedimentary Environments and Processes: Issues and Recommendations	C.P. Lewis & Assoc.
IWD-HQ-WRB-SS-86-1	Terrestrial Sediment Transport into the Marine Environment of Canada: Annotated Bibliography and Data	G.G. Binda T.J. Day J.P.M. Syvitski
IWD-HQ-WRB-SS-86-2	Not Used	
IWD-HQ-WRB-SS-86-3	Executive Summaries for Sediment Issues Contracts	T.J. Day
IWD-HQ-WRB-SS-86-4	Accuracy and Precision in Sediment Programs: Annotated Bibliography	P. Zrymiak M.A. Cashman
IWD-HQ-WRB-SS-86-5	Sediment Surveys: Its Time to Yield	T.J. Day
IWD-HQ-WRB-SS-86-6	A Re-Examination of Sediment Transport Observations in the Lower Fraser River	D.G. McLean M.A. Church
IWD-HQ-WRB-SS-86-7	The Use and Publication of Hydraulic and Morphologic Data for Canadian Rivers	Northwest Hydraulics Consultants Ltd.
IWD-HQ-WRB-SS-86-8	Bed Material Sampling in Gravel-Bed Streams	T.R. Yuzyk
IWD-HQ-WRB-SS-86-9	Suspended Sediment Transport in the Saskatchewan River Basin	P.E. Ashmore
IWD-HQ-WRB-SS-86-10	Station Review Plot Package	J.L. McIlhinney
IWD-HQ-WRB-SS-86-11	Total Dissolved Solids Trends in the Saskatchewan River Basin	Hydroqual Consultants Inc.
IWD-HQ-WRB-SS-86-12	Étude du comportement hydraulique de l'échantillonneur automatique PWS	F. Lapointe
IWD-PYR-WRB-SS-86-1	Sediment Station Analysis: Fraser River at Hansard 08KA004	P. Zrymiak B.L. Tassone
IWD-WNR(A)-WRB-SS-86-1	Sediment-Related Literature for the Western and Northern Region: Annotated Bibliography	G.G. Binda T.J. Day

WSC Report No./ RHC - Rapport n°	Title/Titre	Author(s)/Auteurs
IWD-WNR(A)-WRB-SS-86-2	WNR Hydrometric Network Review: Issues, Network and Recommendations	T.J. Day
IWD-WNR(W)-WRB-SS-86-1	Sediment Station Analysis: Saskatchewan River at The Pas 05KJ001	Northwest Hydraulics Consultants Ltd.
IWD-OR-WRB-SS-86-1	Sediment Issues and Data Needs in Ontario	Conservation Management Systems
IWD-OR-WRB-SS-86-2	Sediment Issues and Data Needs in Ontario	Conservation Management Systems
IWD-AR-WRB-86-113	Proceedings of Freshwater Sediment Issues Workshop: June 26, 1986, Charlottetown, P.E.I.	Washburn & Gillis Associates Ltd.
IWD-HQ-WRB-SS-85-1	Reference Materials on Sedimentation and Morphology on the Lower Fraser River	M. Church D. McLean M. Mannerstrom D. Evans
IWD-HQ-WRB-SS-85-2	History of Channel Instability Lower Fraser River, Hope to Mission	D. McLean M. Mannerstrom
IWD-HQ-WRB-SS-85-3	Lower Fraser River Survey 1984: Agassiz-Rosedale Bridge to Mission	D.G. McLean
IWD-HQ-WRB-SS-85-4	Ontario Perspectives on Sediment Issues Phase 1 Interim Report	Conservation Management Systems
IWD-HQ-WRB-SS-85-5	Assessment of Sediment Issues and Survey Program in the Prairie Provinces	Northwest Hydraulics Consultants Ltd.
IWD-HQ-WRB-SS-85-6	Freshwater Sediment Data Collection and Use in the Atlantic Provinces	Washburn & Gillis Associates Ltd.
IWD-HQ-WRB-SS-85-7	État de connaissance et perspectives sédimentologiques des eaux douces du Québec	Hydrotech Inc.
IWD-HQ-WRB-SS-85-8	Sediment in the Pacific and Yukon Region: Review and Assessment	Kellerhals Eng. Services
IWD-HQ-WRB-SS-85-9	Étude de la variabilité des méthodes d'échantillonnage des sédiments en suspension pour des concentrations inférieures à 50 mg/L	F. Lapointe
IWD-WNR(A)-WRB-SS-85-1	Sediment Station Analysis: Highwood River Near the Mouth 05BL024	T.J. Day M.O. Spitzer
IWD-HQ-WRB-SS-84-1	Reservoir Sedimentation Studies in Canada	T.R. Yuzyk
IWD-HQ-WRB-SS-84-2	Statistical Analysis of Sediment Data Records	K. Adamowski
IWD-HQ-WRB-SS-84-3	Review of Sediment Survey Program Lower Fraser River British Columbia	R. Kellerhals
IWD-HQ-WRB-SS-84-4	ODEN Curve Automation Study	J.L. McIlhinney M.A. Cashman
IWD-HQ-WRB-SS-84-5	Laboratory Procedures for Sediment Analysis; Second Edition	M.A. Cashman
IWD-HQ-WRB-SS-84-6	Étude de la représentativité de l'échantillonneur automatique PWS basée sur les données existantes	F. Lapointe
Reprint (1974)	Possibilities for Using Suspended Sediment Rating Curves in the Canadian Sediment Survey Program	R. Kellerhals A.D. Abrahams H. von Giza
Reprint (1983)	Lake Diefenbaker, Saskatchewan: A Case Study of Reservoir Sedimentation	T.R. Yuzyk

TABULATION OF SEDIMENT STATIONS

**RÉSULTATS DES STATIONS
SÉDIMENTOLOGIQUES**



ALBERTA

STATION NO.	NAME	TYPE OF OPERATION	CONC. DATA	LOADS	SUSPENDED SEDIMENT		WATER TEMP.	PARTICLE SIZE POINT	PARTICLE SIZE DEPTH	BED LOAD		BED MATERIAL PARTICLE SIZE
					DISS. SOLIDS					VOLUME OR LOADS	PARTICLE SIZE	
OSCK005	ALKALI CREEK NEAR THE MOUTH	M-MS	1971		1971							
	LATITUDE 50 53 54 N											
	LONGITUDE 110 30 30 W											
	LAND DESCRIPTION SW28-22-04-W4											
	DRAINAGE AREA 590 km ²											
	TOTAL NUMBER OF SAMPLES		1		1							
	REMARK(S) - NATURAL FLOW											
07DD001	ATHABASCA RIVER AT EMBARRAS AIRPORT	M-MS	1971-73				1973					
	LATITUDE 56 12 18 N	M-S	1974	1974			1974					1973
	LONGITUDE 111 22 30 W	M-S	1978-78	1976-78	1977-78	1978-78						1977
	LAND DESCRIPTION NE16-108-09-W4	M-S	1979-81	1979-81	1979-81	1979-81						1979-80
	DRAINAGE AREA 155 000 km ²	M-MS	1982-84	1982-84	1982-84	1982-84						1982-84
	TOTAL NUMBER OF SAMPLES		965		501	1028					36	
	REMARK(S) - NATURAL FLOW											
07CC002	ATHABASCA RIVER AT MCMURRAY	M-MS	1966		1966	1966						
	LATITUDE 56 44 00 N	M-S	1973-74			1973-74						1973
	LONGITUDE 111 22 30 W	M-S	1975-78			1977	1978-78					1978-78
	LAND DESCRIPTION SW21-89-09-W4	M-S	1979-81			1979-80	1979-81					1979-81
	DRAINAGE AREA 99 700 km ²	M-S	1982-83			1982	1982-83					1982
	TOTAL NUMBER OF SAMPLES		879		256	741					49	
	REMARK(S) - NATURAL FLOW											
07DA001	ATHABASCA RIVER BELOW MCMURRAY	M-MS	1967-68		1967-68	1967-68						
	LATITUDE 56 48 50 N	M-S	1969	1969	1969	1969						1967
	LONGITUDE 111 24 00 W	M-C	1970-72	1970-72	1970-72	1970-72						1969
	LAND DESCRIPTION NW05-90-09-W4											1970-72
	DRAINAGE AREA 133 000 km ²											
	TOTAL NUMBER OF SAMPLES		375		286	369					46	
	REMARK(S) - NATURAL FLOW											3
07AE001	ATHABASCA RIVER NEAR WINDFALL	M-MS	1974-86		1979-86	1974-86						
	LATITUDE 54 12 25 N											1980
	LONGITUDE 116 03 45 W											
	LAND DESCRIPTION NE20-80-14-W6											
	DRAINAGE AREA 19 600 km ²											
	TOTAL NUMBER OF SAMPLES		70		46	84					1	
	REMARK(S) - NATURAL FLOW											
OSCE008	ATUIS CREEK NEAR REDLAND	M-MS	1971		1971							
	LATITUDE 51 19 50 N											
	LONGITUDE 113 03 15 W											
	LAND DESCRIPTION SE29-27-22-W4											
	DRAINAGE AREA 78.9 km ²											
	TOTAL NUMBER OF SAMPLES		1		1							
	REMARK(S) - NATURAL FLOW											
OSPE004	BATTLE RIVER NEAR THE SASKATCHEWAN BOUNDARY	M-MS	1980		1980	1980						
	LATITUDE 52 51 23 N	M-S	1981	1981	1981	1981						1980
	LONGITUDE 110 01 06 W	M-MS	1982-84		1982-84	1982-84						1981
	LAND DESCRIPTION SW12-45-01-W4	M-MS	1985-86		1985-86	1985-86						1982-83
	DRAINAGE AREA 25 000 km ²											1985-86
	TOTAL NUMBER OF SAMPLES		66		66	66					17	
	REMARK(S) - REGULATED SINCE 1973											
OSCA011	BEARBERRY CREEK NEAR SUNDRE	M-MS	1977		1977	1977						
	LATITUDE 51 48 25 N											
	LONGITUDE 114 42 30 W											
	LAND DESCRIPTION NW05-33-05-W5											
	DRAINAGE AREA 227 km ²											
	TOTAL NUMBER OF SAMPLES		5		5	4						
	REMARK(S) - NATURAL FLOW											
	- DATA CONTRIBUTED BY 010											
OSAB013	BEAVER CREEK NEAR BROCKET	M-MS	1971-72		1971							
	LATITUDE 49 38 21 N											
	LONGITUDE 113 47 38 W											
	LAND DESCRIPTION NW07-08-28-W4											
	DRAINAGE AREA 266 km ²											
	TOTAL NUMBER OF SAMPLES		12		1							
	REMARK(S) - NATURAL FLOW											
	- DATA CONTRIBUTED BY 610											

P - PUMP SAMPLING
M - MANUAL SAMPLING
D - DUAL PUMP AND MANUAL SAMPLING

C - CONTINUOUS OPERATION
MS - MISCELLANEOUS OPERATION
S - SEASONAL OPERATION

V - VOLUMETRIC MEASUREMENT

SEE INTRODUCTION FOR CONTRIBUTING AGENCIES

STATION NO.	NAME	TYPE OF OPERATION	CONC. DATA	SUSPENDED SEDIMENT			BED LOAD		BED MATERIAL PARTICLE SIZE
				LOADS	DISS. SOLIDS	WATER TEMP.	PARTICLE SIZE POINT	VOLUME OR LOADS	
05AA010	BEAVER MINES CREEK NEAR BEAVER MINES	M-MS	1971		1971				
	LATITUDE 49 28 30 N LONGITUDE 114 08 30 W LAND DESCRIPTION NE14-08-02-W5 DRAINAGE AREA 82.4 km ²								
	TOTAL NUMBER OF SAMPLES		2		2				
	REMARK(S) - NATURAL FLOW								
07DA018	BEAVER RIVER ABOVE SYNCRUDE	M-MS M-MS	1976-77 1978-80		1976-77 1978-80				
	LATITUDE 56 56 20 N LONGITUDE 111 33 54 W LAND DESCRIPTION NE32-91-10-W4 DRAINAGE AREA 165 km ²								
	TOTAL NUMBER OF SAMPLES		43		14	40			
	REMARK(S) - NATURAL FLOW								
08AD008	BEAVER RIVER AT COLD LAKE RESERVE	M-MS M-MS	1974-76 1977-86		1974-75 1978-86				
	LATITUDE 54 21 15 N LONGITUDE 110 13 00 W LAND DESCRIPTION NE10-82-02-W4 DRAINAGE AREA 14 500 km ²								
	TOTAL NUMBER OF SAMPLES		70		35	80			
	REMARK(S) - NATURAL FLOW								
07DA005	BEAVER RIVER NEAR FORT MACKAY	M-MS	1974-75		1974-75				
	LATITUDE 57 08 00 N LONGITUDE 111 38 00 W LAND DESCRIPTION SW26-92-11-W4 DRAINAGE AREA 854 km ²								
	TOTAL NUMBER OF SAMPLES		10		10				
	REMARK(S) - REGULATED SINCE 1975								
08AD041	BELLY RIVER NEAR GLENWOOD	M-MS	1985-86		1985-86	1985-86			
	LATITUDE 49 31 08 N LONGITUDE 113 28 49 W LAND DESCRIPTION SE08-05-26-W4 DRAINAGE AREA 857 km ²								
	TOTAL NUMBER OF SAMPLES		17		17	17			
	REMARK(S) - REGULATED SINCE 1935								
08AD005	BELLY RIVER NEAR MOUNTAIN VIEW	M-MS	1971		1971				
	LATITUDE 49 06 00 N LONGITUDE 113 41 48 W LAND DESCRIPTION NE05-02-26-W4 DRAINAGE AREA 319 km ²								
	TOTAL NUMBER OF SAMPLES		7		7				
	REMARK(S) - REGULATED SINCE 1935								
08AD002	BELLY RIVER NEAR STAND OFF	M-MS M-MS M-MS	1969 1971 1974-85		1969 1971 1979-85	1974-85			
	LATITUDE 49 28 40 N LONGITUDE 113 18 10 W LAND DESCRIPTION NE16-05-25-W4 DRAINAGE AREA 1 210 km ²								
	TOTAL NUMBER OF SAMPLES		110		59	96			
	REMARK(S) - REGULATED SINCE 1935								
07DD006	BIG POINT CHANNEL BELOW DIVERGENCE	M-MS M-MS M-MS	1971-74 1975-76 1977-79		1971-73 1975-76 1979	1977-79			
	LATITUDE 58 28 55 N LONGITUDE 110 46 15 W DRAINAGE AREA km ²				1980-81	1980-81			
	TOTAL NUMBER OF SAMPLES		87		23	79	12		7
	REMARK(S) - NATURAL FLOW								
07KE001	BIRCH RIVER BELOW ALICE CREEK	M-MS M-MS M-MS M-MS	1970-78 1979-81 1982-84 1985-86		1970-71 1979-81 1982-84 1985-86	1970-78 1979-81 1982-84 1985-86			
	LATITUDE 58 18 40 N LONGITUDE 113 04 05 W LAND DESCRIPTION SW35-107-19-W4 DRAINAGE AREA 9 880 km ²								
	TOTAL NUMBER OF SAMPLES		81		39	72	5		1
	REMARK(S) - NATURAL FLOW								

P - PUMP SAMPLING
M - MANUAL SAMPLING
D - DUAL PUMP AND MANUAL SAMPLING

C - CONTINUOUS OPERATION
MS - MISCELLANEOUS OPERATION
S - SEASONAL OPERATION

V - VOLUMETRIC MEASUREMENT
SEE INTRODUCTION FOR CONTRIBUTING AGENCIES

STATION NO.	NAME	TYPE OF OPERATION	CONC. DATA	LOADS	SUSPENDED SEDIMENT		PARTICLE SIZE POINT	PARTICLE SIZE DEPTH	BED LOAD		BED MATERIAL PARTICLE SIZE
					DISS. SOLIDS	WATER TEMP.			VOLUME OR LOADS	PARTICLE SIZE	
OSCC008	BLINDMAN RIVER NEAR BLUFFTON	M-MS	1971		1971						
	LATITUDE 52 46 22 N										
	LONGITUDE 114 17 03 W										
	LAND DESCRIPTION NE31-43-02-W5										
	DRAINAGE AREA 352 km ²										
	TOTAL NUMBER OF SAMPLES		8		8						
	REMARK(S) - NATURAL FLOW										
OSCK001	BLOOD INDIAN CREEK NEAR THE MOUTH	M-MS	1971		1971						
	LATITUDE 50 57 25 N										
	LONGITUDE 111 03 30 W										
	LAND DESCRIPTION SE16-23-05-W4										
	DRAINAGE AREA 895 km ²										
	TOTAL NUMBER OF SAMPLES		1		1						
	REMARK(S) - REGULATED										
OSBS001	BOW RIVER AT BANFF	M-MS	1971		1971						
	LATITUDE 51 10 30 N										
	LONGITUDE 115 34 10 W										
	LAND DESCRIPTION SE35-25-12-W5										
	DRAINAGE AREA 2 210 km ²										
	TOTAL NUMBER OF SAMPLES		5		5						
	REMARK(S) - NATURAL FLOW										
OSBH004	BOW RIVER AT CALGARY	M-S	1972	1972		1972					
	LATITUDE 51 03 00 N	M-C	1973-78	1973-78	1977-78	1973-78					
	LONGITUDE 114 03 00 W	M-MS	1979		1979	1979					
	LAND DESCRIPTION NE16-24-01-W5	M-S	1981	1981	1981	1981					
	DRAINAGE AREA 7 860 km ²	M-MS	1982-88		1982-88	1982-88					
	TOTAL NUMBER OF SAMPLES		521		88	518					
	REMARK(S) - REGULATED SINCE 1913										
OSBA001	BOW RIVER AT LAKE LOUISE	M-MS	1971		1971						
	LATITUDE 51 25 42 N										
	LONGITUDE 115 11 15 W										
	LAND DESCRIPTION NE28-28-16-W5										
	DRAINAGE AREA 421 km ²										
	TOTAL NUMBER OF SAMPLES		1		1						
	REMARK(S) - NATURAL FLOW										
OSBH004	BOW RIVER BELOW BASSAND DAM	D-S	1972-73	1972-73		1972-73					
	LATITUDE 50 46 00 N	D-S	1974	1974		1974					
	LONGITUDE 112 32 20 W	M-MS	1975-79		1979	1975-79					
	LAND DESCRIPTION SW02-21-19-W4										
	DRAINAGE AREA 20 300 km ²										
	TOTAL NUMBER OF SAMPLES		335		10	107					
	REMARK(S) - REGULATED										
OTJF002	BOYER RIVER NEAR FORT VERMILION	M-MS	1974-88		1979-88	1974-88					
	LATITUDE 58 28 42 N										
	LONGITUDE 118 18 10 W										
	LAND DESCRIPTION SE09-109-14-W5										
	DRAINAGE AREA 8 880 km ²										
	TOTAL NUMBER OF SAMPLES		87		38	83					
	REMARK(S) - NATURAL FLOW										
OTGF005	BRIDLEBIT CREEK NEAR VALLEYVIEW	M-S	1987	1987	1987	1987					
	LATITUDE 54 58 10 N	M-C	1988	1988	1988	1988					
	LONGITUDE 117 44 02 W	M-S	1989-74	1989-74	1989-71	1989-74					
	DRAINAGE AREA 15.7 km ²	M-MS	1975		1975	1975					
		M-MS	1978-80		1979	1978-80					
		M-MS	1981		1981	1981					
	TOTAL NUMBER OF SAMPLES		171		73	138					
	REMARK(S) - NATURAL FLOW										
OSCC002	BULLPOUND CREEK NEAR HANNA	M-MS	1971		1971						
	LATITUDE 51 39 00 N										
	LONGITUDE 112 00 30 W										
	LAND DESCRIPTION SW13-31-15-W4										
	DRAINAGE AREA 209 km ²										
	TOTAL NUMBER OF SAMPLES		1		1						
	REMARK(S) - REGULATED SINCE 1978										

P - PUMP SAMPLING
M - MANUAL SAMPLING
D - DUAL PUMP AND MANUAL SAMPLING

C - CONTINUOUS OPERATION
MS - MISCELLANEOUS OPERATION
S - SEASONAL OPERATION

V - VOLUMETRIC MEASUREMENT

SEE INTRODUCTION FOR CONTRIBUTING AGENCIES

STATION NO.	NAME	TYPE OF OPERATION	CONC. DATA	SUSPENDED SEDIMENT				BED LOAD		SED. MATERIAL PARTICLE SIZE
				LOADS	DISS. SOLIDS	WATER TEMP.	PARTICLE SIZE POINT DEPTH	VOLUME OR LOADS	PARTICLE SIZE	
058F019	CABIN CREEK NEAR SEEBE	M-C	1969-70	1969-70	1969-70	1969-70				
		D-C	1971-76	1971-76	1971-76	1971-76	1971			
		D-C	1977-78	1977-78	1977-78	1977-78				
		D-S	1978	1978	1978	1978				
		M-S	1980-83	1980-83	1980-83	1980-83				
		M-MS	1988		1988	1988				
			TOTAL NUMBER OF SAMPLES	932	366	797	1			
	REMARK(S) - NATURAL FLOW									
07AD003	CACHE PERCOTTE CREEK NEAR HINTON	M-S	1966-67	1966-67	1966-67	1966				
		M-S	1968-73	1968-73	1968-70	1968-73				
		M-MS	1974			1974				
		M-S	1975-77	1975-77	1977	1975-77				
			TOTAL NUMBER OF SAMPLES	420	124	282				
	REMARK(S) - NATURAL FLOW									
058D008	CARDINAL RIVER NEAR THE MOUTH	M-MS	1971		1971					
			TOTAL NUMBER OF SAMPLES	3	3					
	REMARK(S) - NATURAL FLOW									
05AA028	CASTLE RIVER AT RANGER STATION	M-MS	1971-72		1971					
			TOTAL NUMBER OF SAMPLES	28	17					
	REMARK(S) - NATURAL FLOW - DATA CONTRIBUTED BY 610									
05AA023	CASTLE RIVER NEAR BEAVER MINES	M-MS	1971-72		1971		1971			
			TOTAL NUMBER OF SAMPLES	21	10		1			
	REMARK(S) - NATURAL FLOW - DATA CONTRIBUTED BY 610									
05BL022	CATARACT CREEK NEAR FORESTRY ROAD	M-MS	1971-72		1971					
		M-MS	1975-77			1977				
			TOTAL NUMBER OF SAMPLES	29	12	3				
	REMARK(S) - NATURAL FLOW - DATA CONTRIBUTED BY 017									
07KFO06	CHEVAL DES QUATRE FOURCHES BELOW FOUR FORKS	M-MS	1971-74			1971-73				1973-74
		M-MS	1975			1975				1975
		M-MS	1977-78		1978	1977-78				1977-78
		M-MS	1980-81		1980-81	1980-81				1980
			TOTAL NUMBER OF SAMPLES	116	23	81	18			7
	REMARK(S) - REGULATED SINCE 1967 - DATA CONTRIBUTED BY 010									
07C0001	CLEARWATER RIVER AT DRAPER	M-MS	1966-68		1966-68	1966-68	1966			
		M-C	1969-72	1969-72	1969-72	1969-72	1969-72			1971-72
		M-S	1973-77	1973-77	1977	1973-77	1973-77			1973-74
		M-C	1978	1978	1978	1978				
		M-S	1979-83	1979-83	1979-83	1979-83	1979-81			
		M-MS	1984		1984	1984				
		M-S	1985-86	1985-86	1985-86	1985-86	1985-86			
			TOTAL NUMBER OF SAMPLES	1096	492	997	33			4
			REMARK(S) - NATURAL FLOW							

P - PUMP SAMPLING
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STATION NO.	NAME	TYPE OF OPERATION	CONC. DATA	SUSPENDED SEDIMENT			BED LOAD		BED MATERIAL PARTICLE SIZE
				LOADS	DISS. SOLIDS	WATER TEMP.	PARTICLE SIZE POINT	DEPTH	
05DB001	CLEARWATER RIVER NEAR ROCKY MOUNTAIN HOUSE	M-MS	1971-72		1971			1971	
	LATITUDE 52 20 40 N LONGITUDE 114 56 10 W LAND DESCRIPTION NE09-39-07-W5 DRAINAGE AREA 3 220 km ²								
	TOTAL NUMBER OF SAMPLES		24		18				
	REMARK(S) - NATURAL FLOW							2	
				- DATA CONTRIBUTED BY 610					
07BB010	CONNOR CREEK NEAR ROCHEFORT BRIDGE	M-MS	1975						
	LATITUDE 54 02 53 N LONGITUDE 115 02 31 W LAND DESCRIPTION NW30-58-07-W5 DRAINAGE AREA 64.5 km ²								
	TOTAL NUMBER OF SAMPLES		1						
	REMARK(S) - NATURAL FLOW								
				- DATA CONTRIBUTED BY 010					
07BB009	CONNOR CREEK NEAR SANGUDD	M-MS	1975						
	LATITUDE 54 01 23 N LONGITUDE 114 56 39 W LAND DESCRIPTION SE22-58-07-W5 DRAINAGE AREA 185 km ²								
	TOTAL NUMBER OF SAMPLES		2						
	REMARK(S) - NATURAL FLOW								
				- DATA CONTRIBUTED BY 010					
05BM008	CROWFOOT CREEK NEAR CLUNY	M-MS	1977			1977			
	LATITUDE 50 50 00 N LONGITUDE 112 45 40 W LAND DESCRIPTION SE08-22-20-W6 DRAINAGE AREA 1 360 km ²								
	TOTAL NUMBER OF SAMPLES		1						
	REMARK(S) - REGULATED SINCE 1914								
				- DATA CONTRIBUTED BY 017					
05AA008	CROWNEST RIVER AT FRANK	M-MS	1969		1969				
	LATITUDE 49 35 48 N LONGITUDE 114 24 33 W LAND DESCRIPTION SE35-07-04-W5 DRAINAGE AREA 402 km ²	M-MS M-MS M-S M-C M-S M-MS	1971-72 1974-75 1976-77 1978 1979-80 1981-86		1971 1974-75 1976-77 1978 1979-80 1981-86		1971 1974-75 1976-77 1978 1979-80 1981-86		
	TOTAL NUMBER OF SAMPLES		527		280		516		
	REMARK(S) - NATURAL FLOW								
				- DATA CONTRIBUTED BY 610					
05CA003	DEER CREEK (MAIN STEM) NEAR SUNDRE	M-S	1968-69	1968-69	1968-69	1968-69			
	LATITUDE 51 38 25 N LONGITUDE 115 08 00 W LAND DESCRIPTION NW18-31-08-W5 DRAINAGE AREA 5.44 km ²								
	TOTAL NUMBER OF SAMPLES		15		15		15		
	REMARK(S) - NATURAL FLOW								
07AF004	DEERLICK CREEK NEAR HINTON	M-S M-S M-S	1967-73 1974-83 1984-86	1967-73 1974-83 1984-86	1967-73 1977-82 1984-86	1967-73 1974-83 1984-86			1969 1974
	LATITUDE 53 09 20 N LONGITUDE 117 14 26 W LAND DESCRIPTION SE23-48-23-W5 DRAINAGE AREA 14.0 km ²								
	TOTAL NUMBER OF SAMPLES		1241		343		856		5
	REMARK(S) - NATURAL FLOW								
07DB002	DOVER RIVER NEAR THE MOUTH	M-MS	1977			1977			
	LATITUDE 57 10 12 N LONGITUDE 111 47 38 W LAND DESCRIPTION SW24-84-12-W4 DRAINAGE AREA 983 km ²								
	TOTAL NUMBER OF SAMPLES		50						5
	REMARK(S) - NATURAL FLOW								

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STATION NO	NAME	TYPE OF OPERATION	CONC. DATA	SUSPENDED SEDIMENT			BED LOAD		BED MATERIAL PARTICLE SIZE
				LOADS	DISS. SOLIDS	WATER TEMP.	PARTICLE SIZE POINT	VOLUME OR LOADS	PARTICLE SIZE
078N003	DRIFTPILE RIVER NEAR DRIFTPILE	M-MS M-S	1977			1977			
			1979-86	1979-86	1979-86	1979-86			1979-86
	LATITUDE 55 20 48 N LONGITUDE 115 47 39 W LAND DESCRIPTION SW28-73-12-W5 DRAINAGE AREA 837 km ²								
	TOTAL NUMBER OF SAMPLES		782		382	716		52	
	REMARK(S) - NATURAL FLOW								
070B003	DUNKIRK RIVER NEAR FORT MACKAY	M-MS	1977-78			1977-78			
	LATITUDE 56 51 20 N LONGITUDE 112 42 40 W LAND DESCRIPTION SE06-91-17-W4 DRAINAGE AREA 1 570 km ²								
	TOTAL NUMBER OF SAMPLES		14			14			
	REMARK(S) - NATURAL FLOW								
05AA028	DUTCH CREEK NEAR THE MOUTH	M-MS	1971-72		1971				
	LATITUDE 49 54 06 N LONGITUDE 114 26 49 W LAND DESCRIPTION NW11-11-04-W5 DRAINAGE AREA 143 km ²								
	TOTAL NUMBER OF SAMPLES		22		12				
	REMARK(S) - NATURAL FLOW								
									DATA CONTRIBUTED BY 610
078P001	EAST PRAIRIE RIVER NEAR ENILDA	M-MS M-MS M-MS	1974-78			1974-78			
			1979-82		1979-82	1979-82			1979-77
			1983-86		1983-86	1983-86			1979
									1983-86
	LATITUDE 55 26 00 N LONGITUDE 115 20 20 W LAND DESCRIPTION NE14-74-16-W5 DRAINAGE AREA 1 480 km ²								
	TOTAL NUMBER OF SAMPLES		128		88	102		36	
	REMARK(S) - NATURAL FLOW								
05AB024	EAST STREETER CREEK NEAR NANTON	M-S M-C M-S	1965	1965	1965	1965			1965 V
			1966	1966	1966	1966			1966 V
			1967	1967	1967	1967			1967 V
									1968 V
	LATITUDE 50 06 31 N LONGITUDE 114 02 58 W LAND DESCRIPTION SE27-13-01-W5 DRAINAGE AREA 0.52 km ²								
	TOTAL NUMBER OF SAMPLES		33		32	23		4	
	REMARK(S) - NATURAL FLOW								
05BJ006	ELBOW RIVER ABOVE ELBOW FALLS	M-MS	1971		1971				
	LATITUDE 50 51 20 N LONGITUDE 114 47 37 W LAND DESCRIPTION NE08-22-05-W5 DRAINAGE AREA 437 km ²								
	TOTAL NUMBER OF SAMPLES		8		8				
	REMARK(S) - NATURAL FLOW								
05BJ004	ELBOW RIVER AT BRACC CREEK	M-MS M-S M-MS M-S M-MS	1967		1967	1967			
			1968	1968	1968	1968			1968
			1969-71	1969-71	1969-71	1969-71			1969-71
			1972-75	1972-75	1972-75	1972-75			1972-74
			1976-86	1976-86	1976-86	1976-86			1981
	LATITUDE 50 56 53 W LONGITUDE 114 34 10 W LAND DESCRIPTION NE12-23-05-W5 DRAINAGE AREA 781 km ²								
	TOTAL NUMBER OF SAMPLES		701		226	668		23	3
	REMARK(S) - NATURAL FLOW								
07DA017	ELLS RIVER NEAR THE MOUTH	M-MS M-MS M-MS	1976-78		1976-78				
			1979-84		1979-84	1979-84			1979
			1985-86		1985-86	1985-86			1985-86
	LATITUDE 57 18 04 N LONGITUDE 111 42 51 W LAND DESCRIPTION SW27-95-11-W4 DRAINAGE AREA 2 450 km ²								
	TOTAL NUMBER OF SAMPLES		66		35	65		4	
	REMARK(S) - NATURAL FLOW								
07DB003	EMBARRAS RIVER BELOW DIVERGENCE	M-MS M-MS M-MS	1971-74		1971-73				1973-74
			1976-79		1976-79	1976-79			1979
			1980-81		1980-81	1980-81			1977
									1980
	LATITUDE 58 25 20 N LONGITUDE 111 33 05 W DRAINAGE AREA km ²								
	TOTAL NUMBER OF SAMPLES		69		20	67		13	5
	REMARK(S) - NATURAL FLOW								
									DATA CONTRIBUTED BY 010

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STATION NO.	NAME	TYPE OF OPERATION	CONC. DATA	SUSPENDED SEDIMENT			BED LOAD		BED MATERIAL PARTICLE SIZE
				LOADS	DISS. SOLIDS	WATER TEMP.	PARTICLE SIZE POINT	VOLUME OR LOADS	PARTICLE SIZE
07AF005	EUNICE CREEK NEAR HINTON	M-MS	1987		1987	1987			
	LATITUDE 53 08 10 N	M-S	1988-71	1988-71	1988-70	1988-71			
	LONGITUDE 117 13 55 W	M-S	1972-73	1972-73	1972-73	1972-73			1988
	LAND DESCRIPTION SE24-48-23-W5	M-S	1974-83	1974-83	1977-82	1974-83			1972
	DRAINAGE AREA 17.1 km ²		1984-86	1984-86	1984-86	1984-86			1974
	TOTAL NUMBER OF SAMPLES		1188		330	801			
	REMARK(S) - NATURAL FLOW								
07AA010	FIDDLE RIVER ABOVE MORRIS CREEK	M-MS	1971		1971				
	LATITUDE 53 10 40 N								
	LONGITUDE 117 48 53 W								
	DRAINAGE AREA 203 km ²								
	TOTAL NUMBER OF SAMPLES		23		23				
	REMARK(S) - NATURAL FLOW								
07DC001	FIRESAG RIVER NEAR THE MOUTH	M-MS	1978-86		1978-86	1978-86			
	LATITUDE 57 38 30 N								
	LONGITUDE 111 10 30 W								
	LAND DESCRIPTION NW28-89-08-W4								
	DRAINAGE AREA 5 990 km ²								
	TOTAL NUMBER OF SAMPLES		56		34	48			
	REMARK(S) - NATURAL FLOW								
08BK001	FISH CREEK NEAR PRIDDIS	M-MS	1988		1988				
	LATITUDE 50 53 10 N	M-MS	1971-72		1971				
	LONGITUDE 114 18 35 W	M-MS	1978-79			1977			
	LAND DESCRIPTION NE22-23-03-W5								
	DRAINAGE AREA 259 km ²								
	TOTAL NUMBER OF SAMPLES		27		8	1			
	REMARK(S) - NATURAL FLOW								
07DD004	FLETCHER CHANNEL BELOW DIVERGENCE	M-MS	1971-74		1971-73				
	LATITUDE 58 27 55 N	M-MS	1978-81		1978-81	1978-81			1973-74
	LONGITUDE 111 04 30 W								1977-80
	DRAINAGE AREA km ²								
	TOTAL NUMBER OF SAMPLES		76		23	70		11	
	REMARK(S) - NATURAL FLOW								
08BB003	FORTY MILE CREEK NEAR BANFF	M-S	1972-73	1972-73		1972-73			
	LATITUDE 51 12 24 N								
	LONGITUDE 118 35 05 W								
	LAND DESCRIPTION NE10-26-12-W5								
	DRAINAGE AREA 133 km ²								
	TOTAL NUMBER OF SAMPLES		128			123			
	REMARK(S) - NATURAL FLOW								
07AH001	FRESMAN RIVER NEAR FORT ASSINIBOINE	M-MS	1974-82		1978-82	1974-82			
	LATITUDE 54 21 52 N	M-MS	1983-85		1983-85	1983-85			1980
	LONGITUDE 114 54 13 W	M-MS	1986		1986	1986			1983-84
	LAND DESCRIPTION NE13-82-07-W5								1986
	DRAINAGE AREA 1 880 km ²								
	TOTAL NUMBER OF SAMPLES		78		49	71		4	
	REMARK(S) - NATURAL FLOW								
07DD005	GODSE ISLAND CHANNEL BELOW DIVERGENCE	M-MS	1971-74		1971-73				
	LATITUDE 58 28 15 N	M-MS	1978-79		1979	1978-79			1973-74
	LONGITUDE 110 51 20 W	M-MS	1980-81		1980-81	1980-81			1977-78
	DRAINAGE AREA km ²								1980
	TOTAL NUMBER OF SAMPLES		78		23	88		11	
	REMARK(S) - NATURAL FLOW								
07CD004	HARDINGSTONE RIVER AT FORT MCMURRAY	M-MS	1978-80		1978-80	1978-80			
	LATITUDE 56 42 18 N								
	LONGITUDE 111 21 20 W								
	LAND DESCRIPTION NW10-89-09-W4								
	DRAINAGE AREA 959 km ²								
	TOTAL NUMBER OF SAMPLES		20		14	20		1	
	REMARK(S) - NATURAL FLOW								

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STATION NO.	NAME	TYPE OF OPERATION	CONC. DATA	SUSPENDED SEDIMENT			BED LOAD		BED MATERIAL PARTICLE SIZE
				LOADS	DISS. SOLIDS	WATER TEMP.	PARTICLE SIZE POINT DEPTH	VOLUME OR LOADS	PARTICLE SIZE
07DA008	HARTLEY CREEK NEAR FORT MACKAY	M-MS	1976-86		1976-86	1976-86			
	LATITUDE 57 15 34 N LONGITUDE 111 27 53 W LAND DESCRIPTION NW19-95-09-W4 DRAINAGE AREA 368 km ²								
	TOTAL NUMBER OF SAMPLES		86		35	83			
	REMARK(S) - NATURAL FLOW								
05BLO19	HIGHWOOD RIVER AT DIEBEL'S RANCH	M-MS M-MS M-MS	1989 1971-72 1976-77		1989 1971		1977		1971
	LATITUDE 50 24 20 N LONGITUDE 114 29 50 W LAND DESCRIPTION NW04-17-04-W5 DRAINAGE AREA 774 km ²								
	TOTAL NUMBER OF SAMPLES		36		20	2			3
	REMARK(S) - NATURAL FLOW								
									- DATA CONTRIBUTED BY 017
05BLO21	HIGHWOOD RIVER BELOW PICKLEJAR CREEK	M-MS M-MS	1971 1976-77		1971	1977			
	LATITUDE 50 29 55 N LONGITUDE 114 49 02 W LAND DESCRIPTION NW06-18-05-W5 DRAINAGE AREA 132 km ²								
	TOTAL NUMBER OF SAMPLES		14		10	2			
	REMARK(S) - NATURAL FLOW								
									- DATA CONTRIBUTED BY 017
05BLO09	HIGHWOOD RIVER NEAR ALDERSYDE	M-MS	1976-77			1977			
	LATITUDE 50 41 58 N LONGITUDE 113 51 23 W LAND DESCRIPTION NW17-20-28-W4 DRAINAGE AREA 2 340 km ²								
	TOTAL NUMBER OF SAMPLES		4			1			
	REMARK(S) - REGULATED SINCE 1910								
									- DATA CONTRIBUTED BY 017
05BLO24	HIGHWOOD RIVER NEAR THE MOUTH	M-S M-C M-C M-S M-MS M-MS	1970-71 1972-77 1978 1979-80 1981-85 1986	1970-71 1972-77 1978 1979-80 1981-85 1986	1970-71 1972-77 1978 1979-80 1981-85 1986	1970-71 1972-77 1978 1979-80 1981-85 1986			1970 1972-78 1978 1980 1981 1986
	LATITUDE 50 47 00 N LONGITUDE 113 49 13 W LAND DESCRIPTION NE16-21-28-W4 DRAINAGE AREA 3 890 km ²								
	TOTAL NUMBER OF SAMPLES		684		623	572			26
	REMARK(S) - REGULATED SINCE 1910								
07CF007	HORSE CREEK NEAR VALLEYVIEW	M-S M-MS M-MS	1970-74 1975 1978-81	1970-74	1970-71 1975 1978-81	1970-74 1975 1978-81			
	LATITUDE 54 55 19 N LONGITUDE 117 48 47 W DRAINAGE AREA 4.27 km ²								
	TOTAL NUMBER OF SAMPLES		130		56	86			
	REMARK(S) - NATURAL FLOW								
									- DATA CONTRIBUTED BY 010
05FB002	IRON CREEK NEAR HARDISTY	M-MS	1971		1971				
	LATITUDE 52 42 28 N LONGITUDE 111 18 36 W LAND DESCRIPTION NE13-43-10-W4 DRAINAGE AREA 3 500 km ²								
	TOTAL NUMBER OF SAMPLES		1		1				
	REMARK(S) - NATURAL FLOW								
07DD009	JACKFISH CREEK ABOVE ATHABASCA RIVER	M-MS	1972-73			1973			1973
	LATITUDE 58 24 30 N LONGITUDE 110 55 12 W DRAINAGE AREA km ²								
	TOTAL NUMBER OF SAMPLES		9			2			1
	REMARK(S) - NATURAL FLOW								
05CA002	JAMES RIVER NEAR SUNDRE	M-MS	1971-72		1971				
	LATITUDE 51 55 37 N LONGITUDE 114 41 04 W LAND DESCRIPTION SW20-34-05-W5 DRAINAGE AREA 821 km ²								
	TOTAL NUMBER OF SAMPLES		18		10				
	REMARK(S) - NATURAL FLOW								
									- DATA CONTRIBUTED BY 010

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SEE INTRODUCTION FOR CONTRIBUTING AGENCIES

ALBERTA

5

STATION NO.	NAME	TYPE OF OPERATION	CONC. DATA	SUSPENDED SEDIMENT			BED LOAD		BED MATERIAL PARTICLE SIZE
				LOADS	DISS. SOLIDS	WATER TEMP	PARTICLE SIZE POINT	PARTICLE SIZE DEPTH	
07DA018	JOSLYN CREEK NEAR FORT MACKAY	M-MS	1978-78			1978-78			
	LATITUDE 57 18 27 N	M-MS	1979-80		1979-80	1979-80			1979
	LONGITUDE 111 44 30 W	M-MS	1981-82		1981-82	1981-82			1981
	LAND DESCRIPTION NE29-85-11-W4	M-MS	1983-84		1983-84	1983-84			1983
	DRAINAGE AREA 257 km ²	M-MS	1985-86		1985-86	1985-86			1985
	TOTAL NUMBER OF SAMPLES		87		36	84		5	
	REMARK(S) - NATURAL FLOW								
05BH009	JUMPINGPOUND CREEK NEAR THE MOUTH	M-MS	1972						
	LATITUDE 51 09 18 N								
	LONGITUDE 114 31 42 W								
	LAND DESCRIPTION NW20-26-04-W5								
	DRAINAGE AREA 571 km ²								
	TOTAL NUMBER OF SAMPLES		12						
	REMARK(S) - NATURAL FLOW								
									- DATA CONTRIBUTED BY 610
05BF002	KANANASKIS RIVER ABOVE LOWER LAKE	M-MS	1971		1971				
	LATITUDE 50 37 20 N								
	LONGITUDE 115 07 30 W								
	DRAINAGE AREA 151 km ²								
	TOTAL NUMBER OF SAMPLES		2		2				
	REMARK(S) - REGULATED								
07HF002	KEG RIVER AT HIGHWAY NO. 35	M-MS	1974-80		1979-80	1974-80			1978
	LATITUDE 57 44 40 N	M-MS	1981-83		1981-83	1981-83			1981-82
	LONGITUDE 117 37 20 W	M-MS	1984-86		1984-86	1984-86			1984-86
	LAND DESCRIPTION SE12-101-23-W5								
	DRAINAGE AREA 867 km ²								
	TOTAL NUMBER OF SAMPLES		88		49	85		8	
	REMARK(S) - NATURAL FLOW								
07KF002	LAKE CLAIRE NEAR OUTLET TO PRAIRIE RIVER	M-MS	1975		1975			1979	1978
	LATITUDE 58 38 00 N								
	LONGITUDE 111 41 50 W								
	DRAINAGE AREA km ²								
	TOTAL NUMBER OF SAMPLES		10		9			1	1
	REMARK(S) - REGULATED SINCE 1967								
05AE037	LEE CREEK AT BEAZER	M-MS	1979		1979				
	LATITUDE 48 05 45 N	M-MS	1981-82		1981-82				
	LONGITUDE 113 28 00 W								
	LAND DESCRIPTION NW12-02-27-W4								
	DRAINAGE AREA 175 km ²								
	TOTAL NUMBER OF SAMPLES		12		12				
	REMARK(S) - NATURAL FLOW								
									- DATA CONTRIBUTED BY 010
05AE002	LEE CREEK AT CARDSTON	M-MS	1972		1971				
	LATITUDE 48 12 00 N								
	LONGITUDE 113 17 45 W								
	LAND DESCRIPTION NW10-03-25-W4								
	DRAINAGE AREA 307 km ²								
	TOTAL NUMBER OF SAMPLES		17		7				
	REMARK(S) - REGULATED								
									- DATA CONTRIBUTED BY 610
07BK010	LESSER SLAVE LAKE AT SAWBRIDGE	M-MS	1981		1981	1981			
	LATITUDE 55 18 00 N								
	LONGITUDE 114 48 00 W								
	LAND DESCRIPTION SW07-73-05-W5								
	DRAINAGE AREA 13 800 km ²								
	TOTAL NUMBER OF SAMPLES		38		23	39			
	REMARK(S) -								
07BJ005	LESSER SLAVE LAKE AT SLAVE LAKE	M-MS	1980		1980				
	LATITUDE 55 18 15 N								
	LONGITUDE 114 48 18 W								
	LAND DESCRIPTION SE12-73-08-W5								
	DRAINAGE AREA 13 800 km ²								
	TOTAL NUMBER OF SAMPLES		1		1	1			
	REMARK(S) - NATURAL FLOW								

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STATION NO.	NAME	TYPE OF OPERATION	CONC. DATA	LOADS	SUSPENDED SEDIMENT			BED LOAD		BED MATERIAL PARTICLE SIZE
					DISS. SOLIDS	WATER TEMP.	PARTICLE SIZE POINT	DEPTH	VOLUME OR LOADS	PARTICLE SIZE
078K008	LESSER SLAVE RIVER AT HIGHWAY NO. 2A	M-MS M-S M-S M-S	1977 1979-80 1981 1982 1983-88			1977 1979-80 1981 1982 1983-88				1979 1979
	LATITUDE 55 17 39 N LONGITUDE 114 35 28 W LAND DESCRIPTION NE06-73-04-W5 DRAINAGE AREA 18 400 km ²									
	TOTAL NUMBER OF SAMPLES		438		230	430		8		1 1
	REMARK(S) - NATURAL FLOW									
078K001	LESSER SLAVE RIVER AT SLAVE LAKE	M-MS	1978			1978				
	LATITUDE 55 18 20 N LONGITUDE 114 48 30 W LAND DESCRIPTION SW07-73-05-W5 DRAINAGE AREA 13 800 km ²									
	TOTAL NUMBER OF SAMPLES		1			1				
	REMARK(S) - NATURAL FLOW									
										- DATA CONTRIBUTED BY D10
05AB018	LETHBRIDGE NORTHERN IRRIGATION DISTRICT CANAL AT MENZAGHIES BRIDGE	M-MS	1977			1977				
	LATITUDE 49 43 39 N LONGITUDE 113 33 00 W LAND DESCRIPTION NE11-09-27-W4 DRAINAGE AREA km ²									
	TOTAL NUMBER OF SAMPLES		5			5				
	REMARK(S) - REGULATED									- DATA CONTRIBUTED BY G10
078B005	LITTLE PADDLE RIVER NEAR MAYERTHORPE	M-MS M-MS M-MS M-MS M-MS M-MS	1971 1974-77 1978-79 1980-81 1982-83 1984-85 1986		1971 1974-77 1979 1980-81 1982-83 1984-85 1986		1971 1974-77 1978-79 1980-81 1982-83 1984-85 1986			
	LATITUDE 53 57 51 N LONGITUDE 118 10 29 W LAND DESCRIPTION SE31-57-08-W5 DRAINAGE AREA 298 km ²									
	TOTAL NUMBER OF SAMPLES		118		84	81		8		
	REMARK(S) - NATURAL FLOW									
05CB002	LITTLE RED DEER RIVER NEAR WATER VALLEY	M-MS	1971-72		1971		1971			
	LATITUDE 51 30 41 N LONGITUDE 114 40 18 W LAND DESCRIPTION NW29-29-05-W5 DRAINAGE AREA 449 km ²									
	TOTAL NUMBER OF SAMPLES		15		7			2		
	REMARK(S) - NATURAL FLOW									- DATA CONTRIBUTED BY S10
07CG002	LITTLE SMOKY RIVER AT LITTLE SMOKY	M-MS	1989		1989					
	LATITUDE 54 44 24 N LONGITUDE 117 10 48 W DRAINAGE AREA km ²									
	TOTAL NUMBER OF SAMPLES		1		1					
	REMARK(S) -									
05CC009	LLOYD CREEK NEAR BLUFFTON	M-MS	1971		1971	1971				
	LATITUDE 52 44 20 N LONGITUDE 114 08 50 W LAND DESCRIPTION NE25-42-02-W5 DRAINAGE AREA 241 km ²									
	TOTAL NUMBER OF SAMPLES		7		7					
	REMARK(S) - NATURAL FLOW									
07BA003	LOVETT RIVER NEAR THE MOUTH	M-MS M-MS M-MS M-MS	1976-78 1979-80 1982 1986		1976-77 1979-80 1982 1986		1976-77 1979-80 1982 1986			1982
	LATITUDE 52 59 50 N LONGITUDE 115 39 20 W LAND DESCRIPTION NW26-45-19-W5 DRAINAGE AREA 101 km ²									
	TOTAL NUMBER OF SAMPLES		48		28	41		2		
	REMARK(S) - NATURAL FLOW									

P - PUMP SAMPLING
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D - DUAL PUMP AND MANUAL SAMPLING

C - CONTINUOUS OPERATION
MS - MISCELLANEOUS OPERATION
S - SEASONAL OPERATION

V - VOLUMETRIC MEASUREMENT
SEE INTRODUCTION FOR CONTRIBUTING AGENCIES

STATION NO.	NAME	TYPE OF OPERATION	CONC. DATA	LOADS	SUSPENDED SEDIMENT			BED LOAD		BED MATERIAL PARTICLE SIZE
					DISS. SOLIDS	WATER TEMP.	PARTICLE SIZE POINT DEPTH	VOLUME OR LOADS	PARTICLE SIZE	
07DB001	MACKAY RIVER NEAR FORT MACKAY	M-MS	1975-77			1975-77				
	LATITUDE 57 12 38 N	M-MS	1979-86		1979-86	1979-86	1976			
	LONGITUDE 111 41 38 W						1979			
	LAND DESCRIPTION SE03-95-11-W4									
	DRAINAGE AREA 5 570 km ²									
	TOTAL NUMBER OF SAMPLES		80		35	57	2			
	REMARK(S) - NATURAL FLOW									
07KF010	MANAWI LAKE CHANNEL AT DOC CAMP	M-MS	1971			1971	1971			
	LATITUDE 58 38 50 N	M-MS	1973-74			1973	1973			
	LONGITUDE 111 18 40 W	M-MS	1976-77			1976-77				
	DRAINAGE AREA km ²	M-MS	1979-80		1979-80	1980	1980			1980
	TOTAL NUMBER OF SAMPLES		89		14	42	11			
	REMARK(S) - REGULATED SINCE 1967									1
	- DATA CONTRIBUTED BY 010									
07KF003	MANAWI LAKE CHANNEL AT OLD DOC CAMP	M-MS	1975			1975	1975			1975
	LATITUDE 58 38 00 N	M-MS	1978			1978	1978			1978
	LONGITUDE 111 20 00 W	M-MS	1981		1981	1981				1978
	DRAINAGE AREA km ²									
	TOTAL NUMBER OF SAMPLES		33		9	31	1			2
	REMARK(S) - REGULATED SINCE 1987									
	- DATA CONTRIBUTED BY 010									
05AF010	MANYBERRIES CREEK AT BRODIN'S FARM	M-MS	1971			1971				
	LATITUDE 49 21 30 N									
	LONGITUDE 110 43 30 W									
	LAND DESCRIPTION RE03-05-08-W4									
	DRAINAGE AREA 339 km ²									
	TOTAL NUMBER OF SAMPLES		1		1					
	REMARK(S) - NATURAL FLOW									
05EF018	WARMOT CREEK MAIN STEM NEAR SEEBE	M-S	1983	1983	1983	1983				
	LATITUDE 50 57 01 N	M-C	1984-71	1984-71	1984-71	1984-71				
	LONGITUDE 115 09 08 W	D-C	1972-78	1972-78	1972-78	1972-78				
	LAND DESCRIPTION NE11-23-09-W5	D-S	1979	1979	1979	1979				
	DRAINAGE AREA 8.40 km ²	M-S	1980-83	1980-83	1980-83	1980-83				
	TOTAL NUMBER OF SAMPLES		1174		364	923				
	REMARK(S) - NATURAL FLOW									
07AF002	MCLEOD RIVER ABOVE EMBARRAS RIVER	M-MS	1976-85		1979-85	1978-85	1980			
	LATITUDE 53 28 12 N									
	LONGITUDE 116 37 45 W									
	LAND DESCRIPTION SE07-52-18-W5									
	DRAINAGE AREA 2 580 km ²									
	TOTAL NUMBER OF SAMPLES		63		48	59	2			
	REMARK(S) - NATURAL FLOW									
07AG004	MCLEOD RIVER NEAR WHITESCOURT	M-MS	1976-81		1979-81	1977-81	1980			
	LATITUDE 54 00 45 N	M-MS	1982-86		1982-86	1982-86	1982			
	LONGITUDE 118 50 18 W									
	LAND DESCRIPTION SE15-58-13-W5									
	DRAINAGE AREA 9 100 km ²									
	TOTAL NUMBER OF SAMPLES		56		44	58	4			
	REMARK(S) - NATURAL FLOW									
07AG001	MCLEOD RIVER NEAR WOLF CREEK	M-MS	1969		1969					
	LATITUDE 53 39 15 N									
	LONGITUDE 118 15 50 W									
	LAND DESCRIPTION NW10-54-18-W5									
	DRAINAGE AREA 6 310 km ²									
	TOTAL NUMBER OF SAMPLES		1		1					
	REMARK(S) - NATURAL FLOW									
05AB028	MEADOW CREEK NEAR THE MOUTH	M-MS	1971-72		1971					
	LATITUDE 49 57 15 N									
	LONGITUDE 113 39 43 W									
	LAND DESCRIPTION NW32-11-27-W4									
	DRAINAGE AREA 130 km ²									
	TOTAL NUMBER OF SAMPLES		14		4					
	REMARK(S) - NATURAL FLOW									
	- DATA CONTRIBUTED BY 610									

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C - CONTINUOUS OPERATION
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V - VOLUMETRIC MEASUREMENT

SEE INTRODUCTION FOR CONTRIBUTING AGENCIES

STATION NO.	NAME	TYPE OF OPERATION	CONC DATA	SUSPENDED SEDIMENT			BED LOAD		BED MATERIAL PARTICLE SIZE
				LOADS	DISS SOLIDS	WATER TEMP	PARTICLE SIZE POINT	DEPTH	
05CE020	MICHICHI CREEK AT DRUMHELLER	M-MS	1978						
	LATITUDE 51 28 17 N LONGITUDE 112 42 59 W LAND DESCRIPTION NW11-29-20-W4 DRAINAGE AREA 1 140 km ²								
	TOTAL NUMBER OF SAMPLES		1					1	
	REMARK(S) - NATURAL FLOW								
05BF020	MIDDLE FORK CREEK IN CIRQUE NEAR SEEBE	M-MS	1978-79	1979	1979				
	LATITUDE 50 57 30 N LONGITUDE 115 11 58 W LAND DESCRIPTION NW18-23-09-W5 DRAINAGE AREA 1.17 km ²								
	TOTAL NUMBER OF SAMPLES		5	4	2				
	REMARK(S) - NATURAL FLOW								
05BF017	MIDDLE FORK CREEK NEAR SEEBE	M-C	1969-74	1969-74	1969-71	1969-74			1964-66V
	LATITUDE 50 57 34 N LONGITUDE 115 10 16 W LAND DESCRIPTION NE18-23-09-W5 DRAINAGE AREA 2.85 km ²	M-S M-C M-S M-MS	1975 1976 1976-77 1979-83	1975 1976 1976-77 1979-83	1975 1976 1977 1978-83	1975 1976 1976-77 1978-83			1968-74V 1975 V 1976-77V 1978-79V
	TOTAL NUMBER OF SAMPLES		806	375	762		2	15	
	REMARK(S) - NATURAL FLOW								
05AB023	MIDDLE STREETER CREEK NEAR NANTON	M-S M-C M-S	1965 1966 1967	1965 1966 1967	1965 1965 1967	1965			1965 V 1965 V 1967 V
	LATITUDE 50 06 31 N LONGITUDE 114 03 00 W LAND DESCRIPTION SE27-13-01-W5 DRAINAGE AREA 0.91 km ²								
	TOTAL NUMBER OF SAMPLES		15	15	11			3	
	REMARK(S) - NATURAL FLOW								
07AA001	MIETTE RIVER NEAR JASPER	M-MS	1989	1989					
	LATITUDE 52 51 50 N LONGITUDE 118 06 21 W DRAINAGE AREA 630 km ²								
	REMARK(S) - NATURAL FLOW								
11AA031	MILK RIVER AT EASTERN CROSSING OF INTERNATIONAL BOUNDARY	M-MS M-S M-MS M-S	1974 1975 1976 1981-82	1975 1975 1976 1981-82	1974 1975 1976 1981-82	1974 1975 1976 1981-82			1975 1976
	LATITUDE 48 58 03 N LONGITUDE 110 28 10 W LAND DESCRIPTION NW07-37-10-EP DRAINAGE AREA 5 490 km ²								
	TOTAL NUMBER OF SAMPLES		216	175	212		23		2
	REMARK(S) - REGULATED SINCE 1917								
11AA036	MILK RIVER AT HIGHWAY RD 880	M-MS	1981	1981					
	LATITUDE 49 02 44 N LONGITUDE 111 18 18 W LAND DESCRIPTION SE29-02-10-W4 DRAINAGE AREA km ²								
	TOTAL NUMBER OF SAMPLES		1	1					
	REMARK(S) - REGULATED SINCE 1918								
11AA005	MILK RIVER AT MILK RIVER	M-MS M-S M-MS	1974-76 1981-82 1983-86	1975 1981-82 1983-86	1974-76 1981-82 1983-86	1974-76 1981-82 1983-86			1981-82 1985-86
	LATITUDE 49 02 37 N LONGITUDE 112 04 44 W LAND DESCRIPTION NE21-02-15-W4 DRAINAGE AREA 2 720 km ²								
	TOTAL NUMBER OF SAMPLES		146	106	146		5		
	REMARK(S) - REGULATED SINCE 1915								
11AA025	MILK RIVER AT WESTERN CROSSING OF INTERNATIONAL BOUNDARY	M-MS M-MS	1974-76 1981-82	1974-76 1981-82	1974-76 1981-82	1974-76 1981-82			
	LATITUDE 49 00 27 N LONGITUDE 112 32 42 W LAND DESCRIPTION NE01-01-20-W4 DRAINAGE AREA 1 050 km ²								
	TOTAL NUMBER OF SAMPLES		97	62	93		1		
	REMARK(S) - REGULATED								

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STATION NO.	NAME	TYPE OF OPERATION	CONC. DATA	SUSPENDED SEDIMENT			BED LOAD		BED MATERIAL PARTICLE SIZE
				LOADS	DISS. SOLIDS	WATER TEMP.	PARTICLE SIZE POINT	DEPTH	
11A0035	MILK RIVER NEAR PENDANT D'OREILLE	M-MS	1981-82	1981-82	1981-82	1981-82	1981-82		
	LATITUDE 49 07 25 N LONGITUDE 110 52 18 W LAND DESCRIPTION NW16-02-07-W4 DRAINAGE AREA 8 040 km ²								
	TOTAL NUMBER OF SAMPLES		51	51	50				
	REMARK(S) - REGULATED SINCE 1916								
11A0034	MILK RIVER NEAR WRITING-ON-STONE PARK	M-MS	1981-82	1981-82	1981-82	1981-82	1981-82		
	LATITUDE 49 05 18 N LONGITUDE 111 32 05 W LAND DESCRIPTION SW03-02-12-W4 DRAINAGE AREA 4 390 km ²								
	TOTAL NUMBER OF SAMPLES		51	51	49				
	REMARK(S) - REGULATED SINCE 1916								
05A0011	MILL CREEK NEAR THE MOUTH	M-MS	1971-72	1971	1971				
	LATITUDE 49 28 10 N LONGITUDE 114 08 00 W LAND DESCRIPTION SW18-08-01-W5 DRAINAGE AREA 179 km ²								
	TOTAL NUMBER OF SAMPLES		25	13					
	REMARK(S) - NATURAL FLOW								
05D0007	MISTAYA RIVER NEAR SASKATCHEWAN CROSSING	M-MS	1971	1971					
	LATITUDE 51 53 04 N LONGITUDE 118 41 17 W LAND DESCRIPTION SW06-34-19-W5 DRAINAGE AREA 249 km ²								
	TOTAL NUMBER OF SAMPLES		1	1					
	REMARK(S) - NATURAL FLOW								
07D0008	MUSKEG RIVER NEAR PORT MACKAY	M-MS	1978-88	1978-88	1978-88				
	LATITUDE 57 11 30 N LONGITUDE 111 34 05 W LAND DESCRIPTION NE29-04-10-W4 DRAINAGE AREA 1 480 km ²								
	TOTAL NUMBER OF SAMPLES		88	38	88				
	REMARK(S) - NATURAL FLOW								
11A0032	NORTH FORK MILK RIVER ABOVE ST. MARY CANAL	M-MS	1974-78	1974-78					
	LATITUDE 49 55 15 N LONGITUDE 113 03 19 W LAND DESCRIPTION NE16-37-11-WP DRAINAGE AREA 158 km ²								
	TOTAL NUMBER OF SAMPLES		28	28					
	REMARK(S) - NATURAL FLOW								
11A0001	NORTH MILK RIVER NEAR INTERNATIONAL BOUNDARY	M-MS	1974	1975-78	1975-78	1974	1975-78		
	LATITUDE 49 01 19 N LONGITUDE 112 58 16 W LAND DESCRIPTION NE11-01-23-W4 DRAINAGE AREA 238 km ²	M-S M-MS	1981 1982	1981 1982	1981 1982	1981 1982	1981 1982		
	TOTAL NUMBER OF SAMPLES		179	70	173				
	REMARK(S) - REGULATED SINCE 1916								
05D0001	NORTH SASKATCHEWAN RIVER AT EDMONTON	M-MS	1974-80	1979-80	1975-80	1977	1981-82		
	LATITUDE 53 32 15 N LONGITUDE 113 29 04 W LAND DESCRIPTION NW33-02-24-W4 DRAINAGE AREA 28 000 km ²	M-MS	1981-86	1981-86	1981-86				
	TOTAL NUMBER OF SAMPLES		93	67	72				
	REMARK(S) - REGULATED SINCE 1960								

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STATION NO.	NAME	TYPE OF OPERATION	CONC. DATA	SUSPENDED SEDIMENT			BED LOAD		BED MATERIAL PARTICLE SIZE
				LOADS	DISS. SOLIDS	WATER TEMP	PARTICLE SIZE POINT	VOLUME OR LOADS	
059C002	NORTH SASKATCHEWAN RIVER AT SAUNDERS	M-MS	1975-78			1975-77			
	LATITUDE 52 37 10 N								
	LONGITUDE 115 45 20 W								
	LAND DESCRIPTION SE23-40-13-W5								
	DRAINAGE AREA 5 160 km ²								
	TOTAL NUMBER OF SAMPLES		24			18			
	REMARK(S) - REGULATED SINCE 1972								
058A009	NORTH SASKATCHEWAN RIVER AT WHIRLPOOL POINT	D-S	1972	1972		1972			
		D-C	1973-78	1973-78		1973-78			1974
		D-S	1976	1976		1976			1976
	LATITUDE 52 00 05 N	M-C	1977-78	1977-78	1977-78	1977-78			1980
	LONGITUDE 118 28 10 W	M-S	1979-81	1979-81	1979-81	1979-81			
	LAND DESCRIPTION SE14-35-18-W5	M-MS	1982-85		1982-85	1982-85			
	DRAINAGE AREA 1 920 km ²								
	TOTAL NUMBER OF SAMPLES		855	304	810		4		
	REMARK(S) - NATURAL FLOW								
058C001	NORTH SASKATCHEWAN RIVER NEAR ROCKY MOUNTAIN HOUSE	M-MS	1970		1970	1970			
		M-S	1971	1971	1971				1971
	LATITUDE 52 22 51 N	M-C	1972	1972		1972			1973
	LONGITUDE 114 56 21 W	M-S	1973	1973					
	LAND DESCRIPTION NE21-38-07-W5								
	DRAINAGE AREA 11 000 km ²								
	TOTAL NUMBER OF SAMPLES		557	195	545		28		
	REMARK(S) - REGULATED SINCE 1972								
07HC001	NOTIKEMIN RIVER AT MANNING	M-MS	1974-81		1979-81	1974-81			1978
		M-MS	1982-85		1982-85	1982-85			1982-85
	LATITUDE 56 55 10 N								
	LONGITUDE 117 37 05 W								
	LAND DESCRIPTION SW27-81-23-W5								
	DRAINAGE AREA 4 580 km ²								
	TOTAL NUMBER OF SAMPLES		81	45	79		7		
	REMARK(S) - NATURAL FLOW								
058A024	OLDMAN RIVER NEAR BROCKLEY	M-S	1966	1966	1966				
		M-C	1967-73	1967-73	1967-73	1967-73			1967
	LATITUDE 49 33 27 N	M-S	1974-78	1974-78	1974-78	1974-78			1974-78
	LONGITUDE 113 49 20 W	M-S	1979-84	1979-84	1979-84	1979-84			1980-81
	LAND DESCRIPTION SE14-07-29-W8	M-S	1985-85	1985-85	1985-85	1985-85			1985-85
	DRAINAGE AREA 4 400 km ²								
	TOTAL NUMBER OF SAMPLES		1571	1341	1499		104		1
	REMARK(S) - NATURAL FLOW								
058A007	OLDMAN RIVER NEAR LETHBRIDGE	D-S	1972	1972	1972	1972			
		D-C	1973-75	1973-75	1973-75	1973-75			1973-75
	LATITUDE 49 42 30 N	M-C	1976-77	1976-77	1976-77	1976-77			1976
	LONGITUDE 112 52 30 W	M-C	1978	1978	1978	1978			1978
	LAND DESCRIPTION NW01-08-22-W8	M-S	1979-84	1979-84	1979-84	1979-84			1979-83
	DRAINAGE AREA 17 000 km ²	M-S	1985-85	1985-85	1985-85	1985-85			1985-85
	TOTAL NUMBER OF SAMPLES		1607		915	1420	58		1
	REMARK(S) - REGULATED SINCE 1910								
058A023	OLDMAN RIVER NEAR WALDRON'S CORNER	M-MS	1971		1971				
		M-MS	1975		1975				
		M-S	1976	1976		1976			
	LATITUDE 49 46 50 N	M-C	1977-78	1977-78	1977-78	1977-78			
	LONGITUDE 114 11 00 W	M-S	1979-85	1979-85	1979-85	1979-85			1981
	LAND DESCRIPTION NE10-10-02-W8	M-S	1986	1986	1986	1986			1986
	DRAINAGE AREA 1 440 km ²								
	TOTAL NUMBER OF SAMPLES		595		309	525	6		
	REMARK(S) - NATURAL FLOW								
078B008	PADDLE RIVER AT BARRHEAD	M-MS	1975-78			1976-78			
	LATITUDE 54 08 45 N								
	LONGITUDE 114 23 55 W								
	LAND DESCRIPTION SW21-59-03-W5								
	DRAINAGE AREA 2 390 km ²								
	TOTAL NUMBER OF SAMPLES		12			8			
	REMARK(S) - REGULATED SINCE 1984								
									- DATA CONTRIBUTED BY OIO

P - PUMP SAMPLING

M - MANUAL SAMPLING

S - DUAL PUMP AND MANUAL SAMPLING

C - CONTINUOUS OPERATION

MS - MISCELLANEOUS OPERATION

S - SEASONAL OPERATION

V - VOLUMETRIC MEASUREMENT

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STATION NO.	NAME	TYPE OF OPERATION	CONC. DATA	SUSPENDED SEDIMENT			BED LOAD		BED MATERIAL PARTICLE SIZE
				LOADS	DISS. SOLIDS	WATER TEMP.	PARTICLE SIZE POINT	VOLUME OR LOADS	PARTICLE SIZE
07SB004	PADDLE RIVER NEAR ROCHFORD BRIDGE	M-MS M-MS M-MS	1974-81 1982-83 1985-86		1979-81 1982-83 1985-86	1974-81 1982-83 1985-86	1979-80 1982-83 1985		
	LATITUDE 53 53 44 N LONGITUDE 118 02 27 W LAND DESCRIPTION SW08-87-07-W5 DRAINAGE AREA 625 km ²								
	TOTAL NUMBER OF SAMPLES		105		48	96	7		
	REMARK(S) - REGULATED SINCE 1984								
07FD003	PEACE RIVER AT DUNVEGAN BRIDGE	M-S M-MS M-MS	1975 1976-77 1979-82 1983-86	1975		1975 1976-77 1979-81 1982-86	1975		
	LATITUDE 55 55 09 N LONGITUDE 118 36 19 W LAND DESCRIPTION SE07-80-04-W6 DRAINAGE AREA 130 000 km ²								
	TOTAL NUMBER OF SAMPLES		75		13	59	4		
	REMARK(S) - REGULATED SINCE 1967								
07KC001	PEACE RIVER AT PEACE POINT	M-S M-S M-MS M-MS	1967-69 1970 1971 1972-79 1980-83 1984-86	1967-69 1971	1967-69 1970 1971 1972-79 1980-83 1984-86	1967-69 1970 1971 1972-79 1980-83 1984-86	1967-69 1970 1971 1972-73 1980-82 1984-86		1970 1973
	LATITUDE 59 06 50 N LONGITUDE 112 26 35 W LAND DESCRIPTION SE35-116-12-W4 DRAINAGE AREA 293 000 km ²								
	TOTAL NUMBER OF SAMPLES		113		76	113	28		2
	REMARK(S) - REGULATED SINCE 1968								
07HA001	PEACE RIVER AT PEACE RIVER	M-S M-C M-S M-MS M-S	1968-69 1970-74 1976-77 1978-83 1984 1985-86	1968-69 1970-74 1976-77 1978-83 1984 1985-86	1968-69 1970-71 1976-77 1978-83 1984 1985-86	1968-69 1970-74 1976-77 1978-83 1984 1985-86	1968-69 1970-74 1975-77 1979-83 1984 1985-86		1971 1975
	LATITUDE 56 14 41 N LONGITUDE 117 18 45 W LAND DESCRIPTION NW31-43-21-W5 DRAINAGE AREA 188 000 km ²								
	TOTAL NUMBER OF SAMPLES		1991		957	1586	190		2
	REMARK(S) - REGULATED SINCE 1987								
05AH041	PEIGAN CREEK NEAR PARKWILL ROAD	M-MS M-MS M-MS M-MS	1971 1976 1978-82 1985-86		1971 1976 1979-82 1985-86	1976 1978-82 1985-86	1985		
	LATITUDE 49 34 50 N LONGITUDE 110 56 30 W LAND DESCRIPTION NW19-07-07-W4 DRAINAGE AREA 440 km ²								
	TOTAL NUMBER OF SAMPLES		54		28	52	4		
	REMARK(S) - NATURAL FLOW								
05BL023	PEKISHO CREEK NEAR LONGVIEW	M-MS M-MS	1971-72 1976-77		1971 1977				
	LATITUDE 50 28 28 N LONGITUDE 114 12 30 W LAND DESCRIPTION SW28-17-03-W5 DRAINAGE AREA 232 km ²								
	TOTAL NUMBER OF SAMPLES		21		8	2			
	REMARK(S) - NATURAL FLOW								
07SC002	PEMBINA RIVER AT JARVIS	M-MS M-MS	1976-82 1983-86		1979-82 1983-86	1977-82 1983-86	1980 1982-86		
	LATITUDE 54 27 05 N LONGITUDE 113 59 20 W LAND DESCRIPTION NE15-63-27-W4 DRAINAGE AREA 13 100 km ²								
	TOTAL NUMBER OF SAMPLES		76		57	87	10		
	REMARK(S) - NATURAL FLOW								
07BB002	PEMBINA RIVER NEAR ENTHWISTLE	M-MS M-MS	1989 1974-86		1989 1979-86	1974-86			
	LATITUDE 53 38 18 N LONGITUDE 115 00 14 W LAND DESCRIPTION SW29-53-07-W5 DRAINAGE AREA 4 430 km ²								
	TOTAL NUMBER OF SAMPLES		69		45	89			
	REMARK(S) - NATURAL FLOW								
05AA004	PINCHER CREEK AT PINCHER CREEK	M-MS	1971-72		1971 1971				
	LATITUDE 49 29 12 N LONGITUDE 113 55 49 W LAND DESCRIPTION SW23-06-30-W4 DRAINAGE AREA 165 km ²								
	TOTAL NUMBER OF SAMPLES		31		17				
	REMARK(S) - NATURAL FLOW								

P - PUMP SAMPLING
M - MANUAL SAMPLING
B - DUAL PUMP AND MANUAL SAMPLING

C - CONTINUOUS OPERATION
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V - VOLUMETRIC MEASUREMENT

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STATION NO.	NAME	TYPE OF OPERATION	CONC. DATA	SUSPENDED SEDIMENT			BED LOAD		BED MATERIAL PARTICLE SIZE
				LOADS	DISS. SOLIDS	WATER TEMP.	PARTICLE SIZE POINT	DEPTH	
07CA008	PINE CREEK NEAR GRASSLAND	M-MS	1974-78						
		M-MS	1977-88		1979-88	1977-88			
							1988		
				80	40	89		2	
	REMARK(S) - NATURAL FLOW								
08BA002	PIPESTONE RIVER NEAR LAKE LOUISE	M-MS	1972						
		M-S	1973	1973		1973			
				78		88			
	REMARK(S) - NATURAL FLOW								
08AD037	PIYAMI DRAIN NEAR PICTURE BUTTE	M-MS	1978			1978			
				1		1			
	REMARK(S) - REGULATED								
07JP003	PONTON RIVER ABOVE BOYER RIVER	M-MS	1975-83		1979-83	1975-83			1981-82
		M-MS	1984-88		1984-88	1984-88			1984-88
				78	48	72		7	
	REMARK(S) - NATURAL FLOW								
07DA007	POPLAR CREEK NEAR FORT MCMURRAY	M-MS	1974-78						
		M-C	1978	1978		1978			
		M-S	1977-78	1977-78	1977-78	1977-78			
		M-MS	1979-88		1979-88	1979-88			
	REMARK(S) - REGULATED SINCE 1976								
08DB002	PRAIRIE CREEK NEAR ROCKY MOUNTAIN HOUSE	M-MS	1971		1971				1971
				11	10			2	
	REMARK(S) - NATURAL FLOW								
07KP014	PRAIRIE RIVER NEAR LAKE CLAIRE	M-MS	1971-72						
		M-MS	1976-81		1979-81	1976-81			1977-78
				51	12	38		2	
	REMARK(S) - REGULATED SINCE 1987 - DATA CONTRIBUTED BY 010								
08AA027	RACENORSE CREEK NEAR THE MOUTH	M-MS	1971-72		1971				
				28	18				
	REMARK(S) - NATURAL FLOW - DATA CONTRIBUTED BY 810								
08DC008	RAM RIVER NEAR THE MOUTH	M-MS	1976-78			1976-77			
		M-MS	1979-81		1979-81	1979-81			1980
		M-MS	1982-85		1982-85	1982-85			1982-83
		M-MS	1988		1988	1988			1988
	REMARK(S) - NATURAL FLOW								

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STATION NO.	NAME	TYPE OF OPERATION	CONC. DATA	SUSPENDED SEDIMENT			BED LOAD		BED MATERIAL PARTICLE SIZE
				LOADS	DISS. SOLIDS	WATER TEMP.	PARTICLE SIZE POINT	VOLUME OR LOADS	
OSCE010	RAY CREEK NEAR INNISFAIR	M-MS	1971		1971				
	LATITUDE 52 00 03 N								
	LONGITUDE 113 35 55 W								
	LAND DESCRIPTION SW13-35-28-W4								
	DRAINAGE AREA 42.6 km ²								
	TOTAL NUMBER OF SAMPLES		2		2				
	REMARK(S) - NATURAL FLOW								
OSCE001	RED DEER RIVER AT DRUMHELLER	M-S	1975-76	1975-76					
	LATITUDE 51 28 08 N	M-C	1977-78	1977-78	1977-78	1975-76			1975-76
	LONGITUDE 112 42 30 W	M-S	1979-84	1979-84	1979-84	1977-78			1977-78
	LAND DESCRIPTION SE11-28-20-W4	M-MS	1985-86	1985-86	1985-86	1979-84			1979-84
	DRAINAGE AREA 24 800 km ²					1985-86			1985-86
	TOTAL NUMBER OF SAMPLES		960		480	845			73
	REMARK(S) - REGULATED SINCE 1983								
OSCE002	RED DEER RIVER AT RED DEER	M-MS	1970		1970				
	LATITUDE 52 18 38 N	M-S	1971		1971				
	LONGITUDE 113 48 57 W	M-C	1972-73	1972-73	1972-73	1971			1971
	LAND DESCRIPTION SE20-38-27-W4	M-S	1974-75	1974-75	1974-75	1972-73			1972-73
	DRAINAGE AREA 11 800 km ²	M-S	1976-77	1976-77	1977	1974			1974
		M-C	1978	1978	1978	1976-77			1976-77
		M-S	1979-84	1979-84	1979-84	1978			1980-83
		M-MS	1985-86	1985-86	1985-86	1985-86			1985
	TOTAL NUMBER OF SAMPLES		1836		522	1891			34
	REMARK(S) - REGULATED SINCE 1983								
OSCA010	RED DEER RIVER AT SUNDRE	M-MS	1976-77		1976-77				
	LATITUDE 51 47 45 N								
	LONGITUDE 114 38 05 W								
	LAND DESCRIPTION SW03-33-05-W5								
	DRAINAGE AREA 3 480 km ²								
	TOTAL NUMBER OF SAMPLES		17		11				
	REMARK(S) - NATURAL FLOW								
	- DATA CONTRIBUTED BY 010								
OSCA005	RED DEER RIVER BELOW BURN'TY CREEK	M-MS	1974-75		1974-77				
	LATITUDE 51 39 02 N	M-MS	1979-82		1979-81	1979-82			
	LONGITUDE 115 01 00 W	M-MS	1983-86		1983-86	1983-86			1986
	LAND DESCRIPTION SE13-31-08-W5								
	DRAINAGE AREA 2 260 km ²								
	TOTAL NUMBER OF SAMPLES		90		58	70			2
	REMARK(S) - NATURAL FLOW								
OSCK004	RED DEER RIVER NEAR BINDLOSS	M-S	1986	1986	1986	1986			
	LATITUDE 50 54 10 N	M-C	1987-70	1987-70	1987-70	1987-70			1986
	LONGITUDE 110 17 50 W	M-C	1971-75	1971-75	1971-75	1971-75			1987-70
	LAND DESCRIPTION NW25-32-03-W4	M-C	1977-78	1977-78	1977-78	1977-78			1971-75
	DRAINAGE AREA 44 700 km ²	M-MS	1979-84	1979-84	1979-84	1979-84			1979-84
			1985-86	1985-86	1985-86	1985-86			1985-86
	TOTAL NUMBER OF SAMPLES		2483		1188	2372			290
	REMARK(S) - REGULATED SINCE 1988								11
OSCE003	REDWATER RIVER NEAR REDWATER	M-MS	1974		1974				
	LATITUDE 53 56 55 N	M-MS	1978-78		1978-77				
	LONGITUDE 113 03 30 W								
	LAND DESCRIPTION SE28-57-21-W4								
	DRAINAGE AREA 1 490 km ²								
	TOTAL NUMBER OF SAMPLES		10		7				
	REMARK(S) - NATURAL FLOW								
OTNA004	REVILLON COUPE BELOW RIVIERE DES ROCHERS	M-MS	1971-73		1971-73				
	LATITUDE 54 51 10 N	M-MS	1979-81		1979-81	1979-81			1973
	LONGITUDE 111 18 10 W					1980			1977-80
	DRAINAGE AREA 1 km ²								
	TOTAL NUMBER OF SAMPLES		89		19	87			6
	REMARK(S) - REGULATED SINCE 1987								
	- DATA CONTRIBUTED BY 010								
OSPD005	RIBSTONE CREEK NEAR CIAR	M-MS	1971		1971				
	LATITUDE 52 28 17 N								
	LONGITUDE 110 44 15 W								
	LAND DESCRIPTION NW25-40-06-W4								
	DRAINAGE AREA 1 830 km ²								
	TOTAL NUMBER OF SAMPLES		2		2				
	REMARK(S) - NATURAL FLOW								

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STATION NO.	NAME	TYPE OF OPERATION	CONC. DATA	SUSPENDED SEDIMENT			BED LOAD		BED MATERIAL PARTICLE SIZE
				LOADS	DISS. SOLIDS	WATER TEMP.	PARTICLE SIZE POINT	DEPTH	
07NA002	RIVIERE DES ROCHERS AT BEN MOULE'S CABIN	M-MS	1971-74			1971-73		1971-73	1973-74
		M-MS	1975-78			1975-78			1975
		M-MS	1977-81			1977-81			1977-80
	LATITUDE 54 49 10 N								
	LONGITUDE 111 16 30 W								
	DRAINAGE AREA km ²								
	TOTAL NUMBER OF SAMPLES		129	15	100		13		7
	REMARK(S) - REGULATED SINCE 1967		- DATA CONTRIBUTED BY O10						
07CF006	ROCKY CREEK NEAR VALLEYVIEW	M-S	1968-74	1968-74	1968-71	1968-74			
		M-MS	1975			1975			
		M-MS	1978-80			1978-80			
		M-MS	1981			1981			
	LATITUDE 54 58 05 N								
	LONGITUDE 117 46 35 W								
	DRAINAGE AREA 18.6 km ²								
	TOTAL NUMBER OF SAMPLES		174	89	139				
	REMARK(S) - NATURAL FLOW		- DATA CONTRIBUTED BY O10						
05CE008	ROSEBUD RIVER BELOW CARSTAIRS CREEK	M-MS	1971		1971				
	LATITUDE 51 25 00 N								
	LONGITUDE 113 43 35 W								
	LAND DESCRIPTION NW22-28-27-W4								
	DRAINAGE AREA 753 km ²								
	TOTAL NUMBER OF SAMPLES		1		1				
	REMARK(S) - NATURAL FLOW								
05AH003	ROSS CREEK NEAR IRVINE	M-MS	1971		1971				
	LATITUDE 49 58 27 N								
	LONGITUDE 110 22 00 W								
	LAND DESCRIPTION NW34-11-03-W4								
	DRAINAGE AREA 847 km ²								
	TOTAL NUMBER OF SAMPLES		1		1				
	REMARK(S) - REGULATED								
11AA028	SAGE CREEK AT O RANCH NEAR WILDHORSE	M-MS	1971		1971				
	LATITUDE 49 08 28 N								
	LONGITUDE 110 13 23 W								
	LAND DESCRIPTION NW08-02-02-W4								
	DRAINAGE AREA 456 km ²								
	TOTAL NUMBER OF SAMPLES		1		1				
	REMARK(S) - NATURAL FLOW								
07AH003	SAKWATAMAU RIVER NEAR WHITECOURT	M-MS	1978		1978	1978			
	LATITUDE 54 12 05 N								
	LONGITUDE 115 48 40 W								
	LAND DESCRIPTION SE19-80-12-W5								
	DRAINAGE AREA 440 km ²								
	TOTAL NUMBER OF SAMPLES		3		3	3			
	REMARK(S) - NATURAL FLOW								
05AB001	SAND RIVER NEAR THE MOUTH	M-MS	1984-86		1984-86	1984-86			
	LATITUDE 54 28 15 N								
	LONGITUDE 111 11 08 W								
	LAND DESCRIPTION SW28-63-08-W4								
	DRAINAGE AREA 4 910 km ²								
	TOTAL NUMBER OF SAMPLES		10		10	10			
	REMARK(S) - NATURAL FLOW								
07BK009	SAWRIDGE CREEK NEAR SLAVE LAKE	M-MS	1978		1978				
	LATITUDE 55 17 00 N								
	LONGITUDE 114 48 30 W								
	LAND DESCRIPTION NW31-72-05-W5								
	DRAINAGE AREA 233 km ²								
	TOTAL NUMBER OF SAMPLES		1		1				
	REMARK(S) - NATURAL FLOW		- DATA CONTRIBUTED BY O10						
05AH005	SEVEN PERSONS CREEK AT MEDICINE HAT	M-MS	1978		1978	1978			
	LATITUDE 50 01 25 N								
	LONGITUDE 110 41 02 W								
	LAND DESCRIPTION SW30-12-05-W4								
	DRAINAGE AREA 3 270 km ²								
	TOTAL NUMBER OF SAMPLES		1		1	1			
	REMARK(S) - REGULATED SINCE 1955								

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STATION NO.	NAME	TYPE OF OPERATION	CONC. DATA	LOADS	SUSPENDED SEDIMENT			BED LOAD		BED MATERIAL PARTICLE SIZE
					DISS. SOLIDS	WATER TEMP.	PARTICLE SIZE POINT	DEPTH	VOLUME OR LOADS	PARTICLE SIZE
OSBL014	SHEEP RIVER AT BLACK DIAMOND	M-MS	1974-86		1979-86	1974-86		1980		
	LATITUDE 50 41 14 N LONGITUDE 114 14 34 W LAND DESCRIPTION NE08-20-02-W5 DRAINAGE AREA 595 km ²									
	TOTAL NUMBER OF SAMPLES		95		57	90		3		
	REMARK(S) - NATURAL FLOW									
OSBL012	SHEEP RIVER AT OKOTOKS	M-MS	1976							
	LATITUDE 50 43 17 N LONGITUDE 113 58 51 W LAND DESCRIPTION SE29-20-29-W4 DRAINAGE AREA 1 600 km ²									
	TOTAL NUMBER OF SAMPLES		1							
	REMARK(S) - NATURAL FLOW									
										- DATA CONTRIBUTED BY 017
OSDA002	SIFFLEUR RIVER NEAR THE MOUTH	M-MS M-MS	1975-78 1979-86		1978-77 1979-86	1979-86				
	LATITUDE 52 02 39 N LONGITUDE 116 23 02 W LAND DESCRIPTION SE32-36-17-W5 DRAINAGE AREA 515 km ²									
	TOTAL NUMBER OF SAMPLES		74		47	56				
	REMARK(S) - NATURAL FLOW									
OTCF001	SIMONEYE RIVER NEAR GODWIN	M-MS	1974-86		1979-86	1974-86		1978-86		
	LATITUDE 55 08 30 N LONGITUDE 118 10 30 W LAND DESCRIPTION NE11-71-02-W5 DRAINAGE AREA 5 050 km ²									
	TOTAL NUMBER OF SAMPLES		87		53	78		14		
	REMARK(S) - NATURAL FLOW									
OTNB001	SLAVE RIVER AT FITZGERALD	M-S M-S D-S P-S D-S	1971-75 1971-75 1975-78 1975-78 1980-82 1983-86	1971-75 1971-75 1975-78 1975-78 1980-82 1983-86	1971 1971 1975 1975 1980-82 1983-86	1971-72 1971-72 1975-78 1975-78 1980-82 1983-86		1971-74 1976 1979 1979 1980-82 1983-86		
	TOTAL NUMBER OF SAMPLES		1910		245	696		22		
	REMARK(S) - REGULATED SINCE 1988									
OTCA001	SMOKE RIVER ABOVE HELLS CREEK	M-MS M-S	1967 1969-71		1967 1969-71	1967 1970-71		1969-71		
	LATITUDE 53 56 48 N LONGITUDE 119 09 40 W LAND DESCRIPTION NE19-57-08-W5 DRAINAGE AREA 3 840 km ²									
	TOTAL NUMBER OF SAMPLES		247		247	194		10		
	REMARK(S) - NATURAL FLOW									
OTAB002	SNAKE INDIAN RIVER NEAR THE MOUTH	M-MS	1971		1971					
	LATITUDE 53 01 28 N LONGITUDE 118 01 58 W LAND DESCRIPTION NE23-48-01-W5 DRAINAGE AREA 1 580 km ²									
	TOTAL NUMBER OF SAMPLES		8		6					
	REMARK(S) - NATURAL FLOW									
OSAK001	SOUTH SASKATCHEWAN RIVER AT HIGHWAY NO. 41	M-S M-C M-C M-S M-MS	1966 1967-78 1967-78 1979-84 1985-86	1966 1967-78 1967-78 1979-84 1985-86	1966 1967-78 1967-78 1979-84 1985-86	1966 1967-78 1967-78 1979-84 1985-86	1966 1967-78 1967-78 1979-84 1985-86	1966 1967-78 1967-78 1979-84 1985-86	1966 1967-78 1967-78 1979-84 1985-86	1966 1967-78 1967-78 1979-84 1985-86
	LATITUDE 50 44 15 N LONGITUDE 110 06 45 W LAND DESCRIPTION SW33-20-01-W4 DRAINAGE AREA 55 000 km ²									
	TOTAL NUMBER OF SAMPLES		3807		2100	3326		397	166	
	REMARK(S) - REGULATED									25
OSAJ001	SOUTH SASKATCHEWAN RIVER AT MEDICINE HAT	M-MS M-MS	1974-84 1985-86		1979-84 1985-86	1974-84 1985-86		1980-81 1985-86		
	LATITUDE 50 02 35 N LONGITUDE 110 40 40 W LAND DESCRIPTION NW31-12-05-W4 DRAINAGE AREA 55 400 km ²									
	TOTAL NUMBER OF SAMPLES		101		63	94		6		
	REMARK(S) - REGULATED									

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				LOADS	DISS. SOLIDS	WATER TEMP.	PARTICLE SIZE POINT	VOLUME OR LOADS	PARTICLE SIZE
05BC001	SPRAY RIVER AT BANFF	M-S M-MS M-MS	1972-74 1975-76 1977	1972-74	1972-74	1972-74			
	LATITUDE 51 09 35 N LONGITUDE 115 33 16 W LAND DESCRIPTION SW25-28-12-W5 DRAINAGE AREA 749 km ²								
	TOTAL NUMBER OF SAMPLES		250			240			
	REMARK(S) - REGULATED SINCE 1949								
07CF004	SPRING CREEK (UPPER) NEAR VALLEYVIEW	M-S M-MS M-MS	1967 1968 1969-74	1967	1967	1967			
	LATITUDE 54 55 48 N LONGITUDE 117 42 20 W LAND DESCRIPTION SW35-58-25-W5 DRAINAGE AREA 33.4 km ²								
	TOTAL NUMBER OF SAMPLES		190		87	150			
	REMARK(S) - NATURAL FLOW								
07CF002	SPRING CREEK NEAR VALLEYVIEW	M-S M-S M-MS	1967-70 1971-72 1973-75	1967-70 1971-72 1973-75	1967-70 1971-72 1973-75	1967-70 1971-72 1973-75			
	LATITUDE 54 55 05 N LONGITUDE 117 50 55 W DRAINAGE AREA 112 km ²								
	TOTAL NUMBER OF SAMPLES		227		135	258		22	
	REMARK(S) - NATURAL FLOW								
05AE027	ST. MARY RIVER AT INTERNATIONAL BOUNDARY	M-MS	1977-78			1977			
	LATITUDE 49 00 12 N LONGITUDE 113 18 48 W LAND DESCRIPTION SW05-01-25-W4 DRAINAGE AREA 1 210 km ²								
	TOTAL NUMBER OF SAMPLES		7			2			
	REMARK(S) - REGULATED								
07DA008	STEEPBANK RIVER NEAR FORT MCMURRAY	M-MS	1975-86		1975-86	1975-86			
	LATITUDE 57 00 14 N LONGITUDE 111 24 53 W LAND DESCRIPTION SW28-52-08-W4 DRAINAGE AREA 1 320 km ²								
	TOTAL NUMBER OF SAMPLES		70		34	87			
	REMARK(S) - NATURAL FLOW								
05BL007	STIMSON CREEK NEAR PEKISKO	M-MS M-MS	1971-72 1975-77		1971	1977			
	LATITUDE 50 25 50 N LONGITUDE 114 09 55 W LAND DESCRIPTION SE14-17-02-W5 DRAINAGE AREA 283 km ²								
	TOTAL NUMBER OF SAMPLES		25		8	3		2	
	REMARK(S) - REGULATED SINCE 1988								
05DF004	STRAWBERRY CREEK NEAR THE MOUTH	M-MS	1971		1971				
	LATITUDE 53 18 41 N LONGITUDE 114 03 02 W LAND DESCRIPTION SE15-50-01-W5 DRAINAGE AREA 584 km ²								
	TOTAL NUMBER OF SAMPLES		7		7				
	REMARK(S) - NATURAL FLOW								
05AB030	STREETER CREEK (MAIN STEM) NEAR NANTON	M-S M-C M-C	1968 1967-68 1969	1968 1967-68 1969	1968 1967-68 1969	1968 1967-68 1969			
	LATITUDE 50 07 24 N LONGITUDE 114 03 20 W LAND DESCRIPTION SW34-13-01-W5 DRAINAGE AREA 5.95 km ²								
	TOTAL NUMBER OF SAMPLES		86		86	90		3	
	REMARK(S) - NATURAL FLOW								
07BJ001	SWAN RIVER NEAR KINUSO	M-S M-C M-MS M-S	1969-70 1971-74 1975 1976-78	1969-70 1971-74 1975 1976-78	1969-70 1971-74 1975 1976-78	1969-70 1971-74 1975 1976-78			
	LATITUDE 55 18 00 N LONGITUDE 115 24 30 W LAND DESCRIPTION SW13-73-10-W5 DRAINAGE AREA 1 800 km ²								
	TOTAL NUMBER OF SAMPLES		1463		852	1431		135	3
	REMARK(S) - NATURAL FLOW								

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				LOADS	DISS. SOLIDS	WATER TEMP.	PARTICLE SIZE POINT	VOLUME OR LOADS	PARTICLE SIZE
05CE007	THREEMILLS CREEK NEAR CARRON	M-MS	1971		1971				
	LATITUDE 51 33 53 N LONGITUDE 113 04 18 W LAND DESCRIPTION SW17-30-22-W4 DRAINAGE AREA 1 070 km ²								
	TOTAL NUMBER OF SAMPLES		1		1				
	REMARK(S) - REGULATED								
05BL013	THREEPOINT CREEK NEAR MILLARVILLE	M-MS M-MS	1969 1971-72 1978-77		1969 1971			1969	
	LATITUDE 50 48 14 N LONGITUDE 114 18 39 W LAND DESCRIPTION NW07-21-03-W5 DRAINAGE AREA 507 km ²					1977			
	TOTAL NUMBER OF SAMPLES		32		10	1			1
	REMARK(S) - NATURAL FLOW								
			- DATA CONTRIBUTED BY 017						
05AE039	TOUCH CREEK NEAR BEAZER	M-MS	1980-81		1980-81				
	LATITUDE 48 04 00 N LONGITUDE 113 32 00 W LAND DESCRIPTION SW34-01-27-W4 DRAINAGE AREA 38.6 km ²								
	TOTAL NUMBER OF SAMPLES		15		15				
	REMARK(S) - NATURAL FLOW								
			- DATA CONTRIBUTED BY 010						
05AB005	TROUT CREEK NEAR GRANUM	M-MS	1971		1971				
	LATITUDE 48 58 35 N LONGITUDE 113 41 07 W LAND DESCRIPTION SW07-12-27-W4 DRAINAGE AREA 440 km ²								
	TOTAL NUMBER OF SAMPLES		2		2				
	REMARK(S) - NATURAL FLOW								
05BF018	TWIN CREEK NEAR SEEBE	M-C M-S M-C M-S M-MS	1969-74 1975-76 1977-74 1978-83 1986	1969-74 1975-76 1977-74 1978-83 1986	1969-71 1975-76 1977-74 1978-83 1986			1969-74V 1975-76 1977-78V 1978-83 1986	
	LATITUDE 50 57 33 N LONGITUDE 115 10 19 W LAND DESCRIPTION NE15-23-05-W5 DRAINAGE AREA 2.84 km ²								
	TOTAL NUMBER OF SAMPLES		807		372	776		10	
	REMARK(S) - NATURAL FLOW								
05EE004	VERMILION RIVER NEAR HAZELDINE	M-MS	1976-78		1976	1976-78			
	LATITUDE 53 37 37 N LONGITUDE 110 25 20 W LAND DESCRIPTION NW22-53-03-W4 DRAINAGE AREA 7 830 km ²								
	TOTAL NUMBER OF SAMPLES		20		1	20			
	REMARK(S) - REGULATED								
05EE007	VERMILION RIVER NEAR HARWAYNE	M-MS	1978-86		1978-86	1978-86			
	LATITUDE 53 28 28 N LONGITUDE 110 23 51 W LAND DESCRIPTION NW16-52-03-W4 DRAINAGE AREA 7 270 km ²								
	TOTAL NUMBER OF SAMPLES		47		47	47			
	REMARK(S) - NATURAL FLOW								
05EE003	VERMILION RIVER NEAR VEGREVILLE	M-MS M-MS M-MS M-MS	1974-76 1976 1978-82 1983-86		1974 1976 1978-82 1983-86	1974 1976 1978-82 1983-86			
	LATITUDE 53 27 54 N LONGITUDE 112 03 52 W LAND DESCRIPTION NW08-52-14-W4 DRAINAGE AREA 1 590 km ²								
	TOTAL NUMBER OF SAMPLES		29		33	24			
	REMARK(S) - NATURAL FLOW								
05BG005	WATIPAROUS CREEK NEAR THE MOUTH	M-MS	1971		1971				
	LATITUDE 51 15 58 N LONGITUDE 114 50 15 W LAND DESCRIPTION NW05-27-05-W5 DRAINAGE AREA 334 km ²								
	TOTAL NUMBER OF SAMPLES		8		8				
	REMARK(S) - NATURAL FLOW								

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STATION NO.	NAME	TYPE OF OPERATION	CONC. DATA	SUSPENDED SEDIMENT			PARTICLE SIZE POINT	PARTICLE SIZE DEPTH	BED LOAD		BED MATERIAL PARTICLE SIZE
				LOADS	DISS. SOLIDS	WATER TEMP.			VOLUME OR LOADS	PARTICLE SIZE	
07AF003	WAMPUS CREEK NEAR HINTON	M-S	1967-73	1967-73	1967-71	1967-73		1969			
		M-S	1974-77	1974-77	1977	1974-77		1974			
		M-S	1978-86	1978-86	1978-86	1978-86		1978			
	LATITUDE 53 02 22 N										
	LONGITUDE 117 15 40 W										
	LAND DESCRIPTION NW23-48-23-W5										
	DRAINAGE AREA 25.4 km ²										
	TOTAL NUMBER OF SAMPLES		1282		359	928		9			
	REMARK(S) - NATURAL FLOW										
08EC002	WASKATENAU CREEK NEAR WASKATENAU	M-MS	1974-78			1974-78					
		M-MS	1977-82			1978-82		1977-82			
		M-MS	1985-86			1985-86		1985-86			
	LATITUDE 54 07 23 N										
	LONGITUDE 112 46 58 W										
	LAND DESCRIPTION SE24-59-19-W4										
	DRAINAGE AREA 312 km ²										
	TOTAL NUMBER OF SAMPLES		53		21	41					
	REMARK(S) - NATURAL FLOW										
08AD028	WATERTON RIVER NEAR GLENWOOD	M-MS	1974-85			1978-86		1974-86			
	LATITUDE 49 26 35 N										
	LONGITUDE 113 28 10 W										
	LAND DESCRIPTION SW05-08-28-W4										
	DRAINAGE AREA 1 630 km ²										
	TOTAL NUMBER OF SAMPLES		103		85	101					
	REMARK(S) - REGULATED SINCE 1986										
08BM014	WEST ARROWWOOD CREEK NEAR ARROWWOOD	M-MS	1976-77			1977					
	LATITUDE 50 46 50 N										
	LONGITUDE 113 14 00 W										
	LAND DESCRIPTION SW11-21-24-W4										
	DRAINAGE AREA 775 km ²										
	TOTAL NUMBER OF SAMPLES		3		1	1					
	REMARK(S) - NATURAL FLOW										
07BF002	WEST PRAIRIE RIVER NEAR HIGH PRAIRIE	M-MS	1974-78			1974-78		1976-77			
		M-MS	1978-81			1978-81		1979			
		M-MS	1982-86			1982-86		1982-86			
	LATITUDE 55 26 50 N										
	LONGITUDE 116 29 30 W										
	LAND DESCRIPTION SE35-74-17-W5										
	DRAINAGE AREA 1 180 km ²										
	TOTAL NUMBER OF SAMPLES		115		84	92		20			
	REMARK(S) - NATURAL FLOW										
08AB022	WEST STREETER CREEK NEAR NANTON	M-S	1965	1965	1965	1965					
		M-C	1966-67	1966-67	1966	1966					
	LATITUDE 50 06 29 N										
	LONGITUDE 114 03 59 W										
	LAND DESCRIPTION SW27-13-01-W5										
	DRAINAGE AREA 1.37 km ²										
	TOTAL NUMBER OF SAMPLES		7		7	4		3			
	REMARK(S) - NATURAL FLOW										
07AA009	WHIRLPOOL RIVER NEAR THE MOUTH	M-MS	1971-72			1971					
	LATITUDE 52 43 29 N										
	LONGITUDE 117 55 29 W										
	DRAINAGE AREA 598 km ²										
	TOTAL NUMBER OF SAMPLES		33		21						
	REMARK(S) - NATURAL FLOW										
07AB004	WHISKEYJACK CREEK NEAR HINTON	M-S	1966-67	1966-67	1966-67	1966					
		M-S	1968-78	1968-78	1968-70	1968-78					
		M-S	1977-79	1977-79	1977-79	1977-79					
		M-MS	1980			1980					
	LATITUDE 53 22 50 N										
	LONGITUDE 117 32 15 W										
	LAND DESCRIPTION NW05-51-24-W5										
	DRAINAGE AREA 3.13 km ²										
	TOTAL NUMBER OF SAMPLES		508		209	419					
	REMARK(S) - NATURAL FLOW										
07AC001	WILDHAY RIVER NEAR HINTON	M-MS	1972								
	LATITUDE 53 31 24 N										
	LONGITUDE 117 58 49 W										
	LAND DESCRIPTION NW29-52-27-W5										
	DRAINAGE AREA 959 km ²										
	TOTAL NUMBER OF SAMPLES		14		1						
	REMARK(S) - NATURAL FLOW										

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C - CONTINUOUS OPERATION
MS - MISCELLANEOUS OPERATION
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V - VOLUMETRIC MEASUREMENT
SEE INTRODUCTION FOR CONTRIBUTING AGENCIES

STATION NO.	NAME	TYPE OF OPERATION	CONC. DATA	SUSPENDED SEDIMENT			BED LOAD		BED MATERIAL PARTICLE SIZE	
				LOADS	DISS. SOLIDS	WATER TEMP.	PARTICLE SIZE POINT	DEPTH		VOLUME OR LOADS
05AB028	WILLOW CREEK ABOVE CHAIN LAKES	M-S	1965-66	1965-66	1965-66	1965-66			1965-66	
		M-C	1967-68	1967-68	1967-68	1967-68			1966	
	LATITUDE 50 11 47 N	M-C	1969-72	1969-72	1969-71	1969-72			1967	
	LONGITUDE 114 12 46 W	M-C	1973-74	1973-74		1973-74			1969-70	
	LAND DESCRIPTION SE28-14-02-W5	M-C	1975-77	1975-77	1977	1975-77			1973	
	DRAINAGE AREA 162 km ²	M-MS	1978			1978			1975-76	
		M-MS	1980-86		1980-86	1980-86				
	TOTAL NUMBER OF SAMPLES		1236		623	1177		32		
	REMARK(S) - NATURAL FLOW								3	
	05AB021	WILLOW CREEK NEAR CLARESHOLM	M-S	1964	1964	1964	1964			
		M-C	1965-71	1965-71	1965-71	1965-71				
LATITUDE 50 01 05 N		M-C	1972-74	1972-74		1972-74			1965-70	
LONGITUDE 113 42 50 W		M-MS	1975-86		1975-86	1975-86			1972-74	
LAND DESCRIPTION NE23-12-28-W6									1973	
DRAINAGE AREA 1 160 km ²										
TOTAL NUMBER OF SAMPLES			1114		669	1064		109		
REMARK(S) - REGULATED SINCE 1966									1	
07CF003		WOLVERINE CREEK NEAR VALLEYVIEW	M-S	1967-68	1967-68	1967-68	1967-68			
			M-S	1969-70	1969-70	1969-70	1969-70			1967
	LATITUDE 54 55 17 N	M-S	1971-73	1971-73	1971	1971-73			1969	
	LONGITUDE 117 48 32 W	M-S	1974	1974		1974			1971	
	DRAINAGE AREA 11.1 km ²	M-MS	1975			1975			1974	
		M-MS	1978-81		1978-81	1978-81				
	TOTAL NUMBER OF SAMPLES		146		71	111		7		
	REMARK(S) - NATURAL FLOW									
	- DATA CONTRIBUTED BY G10									

- DATA CONTRIBUTED BY CIO

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BRITISH COLUMBIA

STATION NO.	NAME	TYPE OF OPERATION	CONC. DATA	LOADS	SUSPENDED SEDIMENT		WATER TEMP.	PARTICLE SIZE POINT DEPTH	SED LOAD		SED MATERIAL PARTICLE SIZE
					DISS. SOLIDS				VOLUME OR LOADS	PARTICLE SIZE	
08NJ130	ANDERSON CREEK NEAR NELSON	M-C M-MS	1983-85 1988	1983-85	1983-85 1988	1983-85 1988					
	LATITUDE 49 30 05 N LONGITUDE 117 15 35 W DRAINAGE AREA 9.07 km ²										
	TOTAL NUMBER OF SAMPLES		418		110	390					
	REMARK(S) - NATURAL FLOW		- DATA CONTRIBUTED BY OES								
08NH084	ARROW CREEK NEAR ERICKSON	M-C	1979-85	1979-85	1982-85	1979-85					
	LATITUDE 49 09 32 N LONGITUDE 118 27 04 W DRAINAGE AREA 78.7 km ²										
	TOTAL NUMBER OF SAMPLES		433		132	411					
	REMARK(S) - NATURAL FLOW										
08DA006	BOWSER RIVER AT BERENDON GLACIER	M-MS M-S	1967 1968	1968	1967 1968	1967		1968			
	LATITUDE 56 16 30 N LONGITUDE 130 03 55 W DRAINAGE AREA km ²										
	TOTAL NUMBER OF SAMPLES		29		29	8		8			
	REMARK(S) - NATURAL FLOW										
08HBC48	CARNATION CREEK AT THE MOUTH	D-S D-C	1973 1974-81 1982-85	1973 1974-81 1982-85	1973 1974 1982-85	1973 1974-81 1982-85				1973 1974-80 1982-83	1973 1974-75
	LATITUDE 48 54 58 N LONGITUDE 124 59 52 W DRAINAGE AREA 10.1 km ²									159	4
	TOTAL NUMBER OF SAMPLES		3687		807	4738					
	REMARK(S) - NATURAL FLOW										
08MA002	CHILKO RIVER AT OUTLET OF CHILKO LAKE	M-MS	1982-84		1982-84	1982-84					
	LATITUDE 51 37 31 N LONGITUDE 124 08 31 W DRAINAGE AREA 2 110 km ²										
	TOTAL NUMBER OF SAMPLES		32		26	32					
	REMARK(S) - NATURAL FLOW										
08MA001	CHILKO RIVER NEAR REDSTONE	M-MS	1983-84		1983-84	1983-84					
	LATITUDE 52 04 12 N LONGITUDE 123 32 12 W DRAINAGE AREA 8 940 km ²										
	TOTAL NUMBER OF SAMPLES		21		16	21					
	REMARK(S) - NATURAL FLOW										
08MH001	CHILLIWACK RIVER AT VEDDER CROSSING	M-S M-C M-C M-MS	1965 1965-71 1972-75 1976	1965 1965-71 1972-75	1965 1965-71 1972-75	1965 1965-71 1972-75		1968 1972-73		1971	
	LATITUDE 49 05 50 N LONGITUDE 121 57 45 W DRAINAGE AREA 1 230 km ²										
	TOTAL NUMBER OF SAMPLES		289		283	193		4		4	
	REMARK(S) - NATURAL FLOW										
08LA001	CLEARWATER RIVER NEAR CLEARWATER STATION	M-S	1972	1972	1972	1972					
	LATITUDE 51 39 20 N LONGITUDE 120 03 55 W DRAINAGE AREA 10 200 km ²										
	TOTAL NUMBER OF SAMPLES		7		7	7					
	REMARK(S) - NATURAL FLOW										
08ND011	COLUMBIA RIVER ABOVE STEAMBOAT RAPIDS	M-S M-C M-S M-C M-S M-C	1967 1968 1969-71 1972 1973 1974-76	1967 1968 1969-71 1972 1973 1974-76	1967 1968 1969-70 1972 1973 1974-76	1967 1968 1969-71 1972 1973 1974-76		1967 1969-71 1972 1973 1974-76			
	LATITUDE 51 02 31 N LONGITUDE 118 12 47 W DRAINAGE AREA 26 400 km ²										
	TOTAL NUMBER OF SAMPLES		1587		801	1506		86			
	REMARK(S) - REGULATED SINCE 1973										

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STATION NO.	NAME	TYPE OF OPERATION	CONC. DATA	SUSPENDED SEDIMENT			PARTICLE SIZE POINT	PARTICLE DEPTH	BED LOAD		BED MATERIAL PARTICLE SIZE
				LOADS	DISS. SOLIDS	WATER TEMP.			VOLUME OR LOADS	PARTICLE SIZE	
OSNE049	COLUMBIA RIVER AT BIRCHBANK	M-S M-C M-MS	1965 1965-81 1982	1965 1965-81 1982	1965 1965-70 1982	1965 1965-81 1982					
	LATITUDE 49 10 40 N LONGITUDE 117 42 59 W DRAINAGE AREA 88 100 km ²										
	TOTAL NUMBER OF SAMPLES		2058		882	2014					
	REMARK(S) - REGULATED SINCE 1931		- INTERNATIONAL GAUGING STATION								
OSNE005	COLUMBIA RIVER AT DONALD	M-MS	1982-83		1982-83	1982-83		1983			
	LATITUDE 51 29 00 N LONGITUDE 117 10 45 W DRAINAGE AREA 9 710 km ²										
	TOTAL NUMBER OF SAMPLES		5		5	5		1			
	REMARK(S) - NATURAL FLOW										
OSNA002	COLUMBIA RIVER AT NICHOLSON	M-MS	1982-83		1982-83	1982-83					
	LATITUDE 51 14 38 N LONGITUDE 118 54 42 W DRAINAGE AREA 8 860 km ²										
	TOTAL NUMBER OF SAMPLES		5		5	5					
	REMARK(S) - NATURAL FLOW										
OTFB004	DICKESBUSCH CREEK NEAR THE MOUTH	M-MS M-S	1979-80 1981-83	1979-80 1981-83	1979 1982-83	1979-80 1981-83		1981-83			
	LATITUDE 55 32 07 N LONGITUDE 121 35 40 W DRAINAGE AREA 85.5 km ²										
	TOTAL NUMBER OF SAMPLES		75		38	89		13			
	REMARK(S) - NATURAL FLOW										
OSNH015	DUCK CREEK NEAR WYNNDEL	M-S M-C	1979 1980-85	1979 1980-85	1979 1982-85	1979 1980-85					
	LATITUDE 49 12 10 N LONGITUDE 118 31 55 W DRAINAGE AREA 57.0 km ²										
	TOTAL NUMBER OF SAMPLES		544		149	520					
	REMARK(S) - NATURAL FLOW										
OSCA071	SLAND RIVER NEAR THE MOUTH	M-MS	1984		1984	1984					
	LATITUDE 50 07 10 N LONGITUDE 123 28 10 W DRAINAGE AREA 1 250 km ²										
	TOTAL NUMBER OF SAMPLES		25		30	25					
	REMARK(S) - NATURAL FLOW										
OSNK002	ELK RIVER AT FERNIE	M-C M-C	1970-72 1973-77	1970-72 1973-77	1970-72 1970-72	1970-71 1973-77					
	LATITUDE 49 30 38 N LONGITUDE 115 04 17 W DRAINAGE AREA 3 110 km ²										
	TOTAL NUMBER OF SAMPLES		501		183	128					
	REMARK(S) - NATURAL FLOW										
OSNK018	ELK RIVER NEAR NATAL	M-C	1970-77	1970-77	1970-71	1970-77					
	LATITUDE 49 51 58 N LONGITUDE 114 52 06 W DRAINAGE AREA 1 870 km ²										
	TOTAL NUMBER OF SAMPLES		457		105	254					
	REMARK(S) - NATURAL FLOW										
OSNJ129	PELL CREEK NEAR NELSON	M-MS	1983-86		1983-86	1983-86					
	LATITUDE 49 30 12 N LONGITUDE 117 15 37 W DRAINAGE AREA 4.40 km ²										
	TOTAL NUMBER OF SAMPLES		410		97	373					
	REMARK(S) - NATURAL FLOW		- DATA CONTRIBUTED BY 070								
OSNJ168	FIVE MILE CREEK ABOVE CITY INTAKE	M-S M-C	1983 1984-86	1983 1984-86	1983 1984-86	1983 1984-86					
	LATITUDE 49 31 08 N LONGITUDE 117 12 44 W DRAINAGE AREA 47.5 km ²										
	TOTAL NUMBER OF SAMPLES		545		183	541					
	REMARK(S) - NATURAL FLOW										

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STATION NO.	NAME	TYPE OF OPERATION	CONC. DATA	SUSPENDED SEDIMENT			BED LOAD		SED MATERIAL PARTICLE SIZE
				LOADS	DISS. SOLIDS	WATER TEMP.	PARTICLE SIZE POINT	DEPTH	
08NP001	FLATHEAD RIVER AT FLATHEAD	M-S M-C	1984	1984	1984	1984			
			1985-86	1985-86	1985-86	1985-86			
							1984		
							1985-86		
	LATITUDE 49 00 02 N								
	LONGITUDE 114 28 35 W								
	DRAINAGE AREA 1 110 km ²								
	TOTAL NUMBER OF SAMPLES		401		153	398		23	
	REMARK(S) - NATURAL FLOW								
									INTERNATIONAL GAUGING STATION
08NK025	FORDING RIVER ABOVE CLODE CREEK	M-S	1975	1975		1975			
	LATITUDE 50 12 04 N								
	LONGITUDE 114 52 57 W								
	DRAINAGE AREA 88.3 km ²								
	TOTAL NUMBER OF SAMPLES		48			48			
	REMARK(S) - NATURAL FLOW								
08NK018	FORDING RIVER AT THE MOUTH	M-C	1970-77	1970-77	1970-72	1970-77			
	LATITUDE 49 53 38 N								
	LONGITUDE 114 51 53 W								
	DRAINAGE AREA 619 km ²								
	TOTAL NUMBER OF SAMPLES		482		163	270			
	REMARK(S) - NATURAL FLOW								
08NK021	FORDING RIVER BELOW CLODE CREEK	M-MS M-S M-C M-C	1971		1971				
			1972	1972	1972	1972			
			1973-74	1973-74	1973	1973-74			
			1978-77	1978-77		1978-77			
	LATITUDE 50 12 05 N								
	LONGITUDE 114 52 57 W								
	DRAINAGE AREA 104 km ²								
	TOTAL NUMBER OF SAMPLES		270		55	195			
	REMARK(S) - NATURAL FLOW								
08CC005	FORREST KERR CREEK ABOVE 480 M CONTOUR	M-S M-MS	1982	1982	1982	1982			
			1983-84		1983-84	1983-84			
	LATITUDE 58 54 55 N								
	LONGITUDE 130 43 15 W								
	DRAINAGE AREA 311 km ²								
	TOTAL NUMBER OF SAMPLES		211		143	210		86	
	REMARK(S) - NATURAL FLOW								DATA CONTRIBUTED BY 075
10CC002	FORT NELSON RIVER ABOVE MUSKWA RIVER	M-S M-S	1979-80	1979-80					
			1982-84	1982-84	1982-84	1982-84			
	LATITUDE 58 40 15 N								
	LONGITUDE 122 38 15 W								
	DRAINAGE AREA 22 800 km ²								
	TOTAL NUMBER OF SAMPLES		225		99	83		80	
	REMARK(S) - NATURAL FLOW								
08KA004	FRASER RIVER AT HANSARD	M-S M-C M-C M-S M-S	1972-74	1972-74	1972	1972-74	1972-74	1972-74	1973-74
						1975			1975
			1976-78	1976-78		1976-78	1976-78	1976-78	1976-77
			1979-80	1979-80		1979-80	1979	1979-80	1979
			1981-82	1981-82	1982	1982	1981-82	1981	
	LATITUDE 54 04 43 N								
	LONGITUDE 121 50 52 W								
	DRAINAGE AREA 18 000 km ²								
	TOTAL NUMBER OF SAMPLES		1851		380	842	598	211	109
	REMARK(S) - NATURAL FLOW								
08MF005	FRASER RIVER AT HOPE	M-S M-C M-C	1985	1985	1985	1985	1985	1985	
			1986-89	1986-89	1986-89	1986-89	1987-88	1988-89	
			1970-79	1970-79	1970	1970-79	1970-78	1970-79	
	LATITUDE 49 22 50 N								
	LONGITUDE 121 27 05 W								
	DRAINAGE AREA 217 000 km ²								
	TOTAL NUMBER OF SAMPLES		2781		1234	2490	690	345	
	REMARK(S) - REGULATED SINCE 1952								
08MH024	FRASER RIVER AT MISSION	M-S M-C M-C M-C M-C	1985	1985	1985	1985	1985	1985	1985
			1986-89	1986-89	1986-88	1986-89	1986-88	1986-89	1986-89
			1970-80	1970-80	1970-74	1970-80	1972-79	1970-80	1970-80
			1981-84	1981-84	1982-84	1981-84	1981-84	1981-84	1981-84
			1985-86	1985-86	1985-86	1985-86	1985-86	1985-86	1985
	LATITUDE 49 07 39 N								
	LONGITUDE 122 18 08 W								
	DRAINAGE AREA 228 000 km ²								
	TOTAL NUMBER OF SAMPLES		3887		2179	3481	933	694	537
	REMARK(S) - REGULATED SINCE 1952								171

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STATION NO.	NAME	TYPE OF OPERATION	CONC. DATA	LOADS	SUSPENDED SEDIMENT			BED LOAD		BED MATERIAL PARTICLE SIZE
					DISS. SOLIDS	WATER TEMP.	PARTICLE SIZE POINT	DEPTH	VOLUME OR LOADS	PARTICLE SIZE
OSMH126	FRASER RIVER AT PORT MANN PUMPING STATION	M-S	1965	1965	1965	1965		1965		1965
		M-C	1965-69	1965-69	1965-69	1965-69	1967-68	1968-69		1968-69
		M-C	1970-72	1970-72	1970-72	1970-72	1970-72	1970-72		1970-72
		M-C	1973-74	1973-74	1973-74	1973-74	1973-74	1973-74		1973-74
		D-C	1975-77		1975-77	1975-77	1975-77	1975-77	1973-74	1973-74
					1978	1978	1978	1978	1975-77	1975-77
		D-MS	1984-85		1984-85	1984-85	1978	1984-85	1978	1978
	TOTAL NUMBER OF SAMPLES		3054		1786	1028	467	377	478	198
	REMARK(S) -		REGULATED SINCE 1952							
OSMPO35	FRASER RIVER NEAR AGASSIZ	M-S	1966	1966	1966	1966		1966		
		M-C	1967-69	1967-69	1967-69	1967-69	1968	1967-69		
		M-C	1970-72	1970-72	1970-72	1970-72	1970-72	1970-72		1970
		M-C	1973-79	1973-79	1973-79	1973-79	1973-79	1973-79		1973-79
		M-C	1980-86	1980-86	1980-86	1980-86	1981-86	1980-86	1980-86	1986
			3443		1114	3132	676	661	341	87
	REMARK(S) -		REGULATED SINCE 1952							
OSMCO16	FRASER RIVER NEAR MARQUERITE	M-S	1971-73	1971-73	1971-73	1973	1971-73	1971-73		
		M-C	1974-82	1974-82	1982	1974-82	1974-79	1974-82		1973
		M-C	1983-86	1983-86	1983-86	1983-86	1983-84	1983-86		1974-79
			2273		730	1085	428	384	114	
	REMARK(S) -		REGULATED SINCE 1952							
OSFA005	GENESEE CREEK AT THE MOUTH	M-MS	1967		1967					
	TOTAL NUMBER OF SAMPLES		88		58					
	REMARK(S) -		NATURAL FLOW							
OSNKO19	GRACE CREEK AT THE MOUTH	M-C	1970-77	1970-77	1970-77	1970-77				
	TOTAL NUMBER OF SAMPLES		483		171	286				
	REMARK(S) -		NATURAL FLOW							
O7FA001	HALFWAY RIVER NEAR FARRELL CREEK (LOWER STATION)	M-MS	1982-83		1982-83	1982-83		1982-83		
	TOTAL NUMBER OF SAMPLES		8		7	7		3		
	REMARK(S) -		NATURAL FLOW							
OSMCO13	HARRISON RIVER NEAR HARRISON HOT SPRINGS	M-S	1965	1965	1965	1965				
		M-C	1966-70	1966-70	1966-70	1966-70				
		M-MS	1971		1971	1971				
	TOTAL NUMBER OF SAMPLES		136		136	105				
	REMARK(S) -		NATURAL FLOW							
OSGDO04	HOMATHKO RIVER AT THE MOUTH	M-MS	1982		1982	1982		1982		
		M-S	1983	1983	1983	1983		1983		
		M-MS	1984		1984	1984		1984		
	TOTAL NUMBER OF SAMPLES		41		41	38		24		
	REMARK(S) -		NATURAL FLOW							
OSGDO06	HOMATHKO RIVER AT TRAGEDY CANYON	M-MS	1982		1982	1982				
		M-S	1983	1983	1983	1983				
		M-MS	1984		1984	1984				
	TOTAL NUMBER OF SAMPLES		41		23	27		28		
	REMARK(S) -		NATURAL FLOW							

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STATION NO.	NAME	TYPE OF OPERATION	CONC. DATA	LOADS	SUSPENDED SEDIMENT		PARTICLE SIZE POINT	PARTICLE SIZE DEPTH	BED LOAD		BED MATERIAL PARTICLE SIZE
					DISS. SOLIDS	WATER TEMP.			VOLUME OR LOADS	PARTICLE SIZE	
08C0009	NOMATHKO RIVER BELOW MOSTETUKO RIVER	M-MS	1983-84		1983-84	1983-84		1983-84			
	LATITUDE 51 25 16 N LONGITUDE 124 30 26 W DRAINAGE AREA 1 550 km ²										
	TOTAL NUMBER OF SAMPLES		25		20	25		7			
	REMARK(S) - NATURAL FLOW										
08C0006	NOMATHKO RIVER BELOW RUDE CREEK	M-MS	1982	1983	1982	1982		1983			
	LATITUDE 51 22 28 N LONGITUDE 124 45 43 W DRAINAGE AREA 1 350 km ²	M-S M-MS	1983 1984		1984	1984		1984			
	TOTAL NUMBER OF SAMPLES		35		18	23		15			
	REMARK(S) - NATURAL FLOW										
10AD001	MYLAND RIVER NEAR LOWER POST	M-MS	1972		1972	1972					
	LATITUDE 59 57 03 N LONGITUDE 126 09 03 W DRAINAGE AREA 9 450 km ²										
	TOTAL NUMBER OF SAMPLES		2		2	2		1			
	REMARK(S) - NATURAL FLOW										
08C0004	ISKUT RIVER ABOVE SHIPPAKER CREEK	M-S M-MS	1982 1983-84	1982	1982 1983-84	1982 1983-84		1982 1983-84			
	LATITUDE 56 41 55 N LONGITUDE 120 52 23 W DRAINAGE AREA 7 230 km ²										
	TOTAL NUMBER OF SAMPLES		210		82	204		55			
	REMARK(S) - NATURAL FLOW										
08C0001	ISKUT RIVER BELOW JOHNSON RIVER	M-S M-MS	1982 1983-84	1982	1982 1983-84	1982 1983-84		1982 1983-84			
	LATITUDE 58 44 20 N LONGITUDE 131 40 25 W DRAINAGE AREA 9 350 km ²										
	TOTAL NUMBER OF SAMPLES		127		70	125		45			
	REMARK(S) - NATURAL FLOW										
08NH125	JOHN CREEK NEAR MEADOW CREEK	M-S M-C M-S	1967 1968-72 1973	1967 1968-72 1973	1967 1968-72 1973	1967 1968-72 1973		1967 1968-71			
	LATITUDE 50 15 32 N LONGITUDE 116 59 57 W DRAINAGE AREA 34.7 km ²										
	TOTAL NUMBER OF SAMPLES		664		433	180		17			
	REMARK(S) - NATURAL FLOW										
10BB001	KECHIKA RIVER AT THE MOUTH	M-MS M-MS	1972 1982-84		1972 1982-84	1982-84		1982			
	LATITUDE 59 36 55 N LONGITUDE 127 18 37 W DRAINAGE AREA 22 700 km ²										
	TOTAL NUMBER OF SAMPLES		12		12	10		2			
	REMARK(S) - NATURAL FLOW										
08CC001	KLAPPAN RIVER NEAR TELEGRAPH CREEK	M-MS	1982-84		1982-84	1982-84		1982-84			
	LATITUDE 57 54 00 N LONGITUDE 129 42 14 W DRAINAGE AREA 3 550 km ²										
	TOTAL NUMBER OF SAMPLES		17		17	11		8			
	REMARK(S) - NATURAL FLOW										
08NH021	KOOTENAI RIVER NEAR COPELAND	M-S M-C M-S M-C M-S M-S	1965 1967-73 1974-75 1976 1977 1978-80 1981	1965 1967-73 1974-75 1976 1977 1978-80 1981		1967-68 1974-75 1976 1977 1978		1967-68 1974-75 1976 1977 1978			
	LATITUDE 48 54 18 N LONGITUDE 116 24 07 W LAND DESCRIPTION NW12-61N-01-W DRAINAGE AREA 34 700 km ²										
	TOTAL NUMBER OF SAMPLES					20		46			
	REMARK(S) - REGULATED				- DATA CONTRIBUTED BY SOO			- INTERNATIONAL GAUGING STATION			

P - PUMP SAMPLING
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C - CONTINUOUS OPERATION
MS - MISCELLANEOUS OPERATION
S - SEASONAL OPERATION

V - VOLUMETRIC MEASUREMENT
SEE INTRODUCTION FOR CONTRIBUTING AGENCIES

STATION NO.	NAME	TYPE OF OPERATION	CONC. DATA	LOADS	SUSPENDED SEDIMENT		BED LOAD		BED MATERIAL PARTICLE SIZE
					DISS SOLIDS	WATER TEMP.	PARTICLE SIZE POINT DEPTH	VOLUME OR LOADS	
08NF002	KOOTENAY RIVER AT CANAL FLATS	M-MS	1982-83		1982-83	1982-83			
	LATITUDE 50 08 52 N								
	LONGITUDE 115 47 57 W								
	DRAINAGE AREA 5 390 km ²								
	TOTAL NUMBER OF SAMPLES		11		11	10			
	REMARK(S) - NATURAL FLOW								
08NH129	KOOTENAY RIVER AT WICKS ISLAND	M-S	1970		1970	1970			
	LATITUDE 49 07 02 N	M-C	1971-75		1971-73	1971-72			
	LONGITUDE 118 34 39 W	M-S	1976-77		1976-77	1976-77			
	DRAINAGE AREA 119 000 km ²	M-MS	1978-83		1982	1978-83			
	TOTAL NUMBER OF SAMPLES		3258		738	2010			
	REMARK(S) - REGULATED SINCE 1972								
10BE005	LIARD RIVER ABOVE BEAVER RIVER	M-MS	1982-84		1982-84	1982-84			
	LATITUDE 59 44 33 N								
	LONGITUDE 124 28 35 W								
	DRAINAGE AREA 119 000 km ²								
	TOTAL NUMBER OF SAMPLES		12		12	11			
	REMARK(S) - NATURAL FLOW								
10BE006	LIARD RIVER ABOVE KECHEKA RIVER	M-MS	1982-83		1982	1983			
	LATITUDE 59 42 04 N	M-MS	1984		1984	1984			
	LONGITUDE 127 13 39 W								
	DRAINAGE AREA 61 800 km ²								
	TOTAL NUMBER OF SAMPLES		13		11	12			
	REMARK(S) - NATURAL FLOW								
10BE001	LIARD RIVER AT LOWER CROSSING	M-MS	1972		1972	1972			
	LATITUDE 59 24 45 N	M-MS	1983-84		1983-84	1983-84			
	LONGITUDE 126 05 50 W								
	DRAINAGE AREA 104 000 km ²								
	TOTAL NUMBER OF SAMPLES		22		22	22			
	REMARK(S) - NATURAL FLOW								
08NK022	LINE CREEK AT THE MOUTH	M-S	1971-72	1971-72	1971-72	1972			
	LATITUDE 49 53 28 N	M-C	1973-77	1973-77	1973	1973-77			
	LONGITUDE 114 50 00 W								
	DRAINAGE AREA 136 km ²								
	TOTAL NUMBER OF SAMPLES		404		112	234			
	REMARK(S) - NATURAL FLOW								
08NH124	MEADOW CREEK ABOVE JOHN CREEK	M-S	1967	1967	1967	1967			
	LATITUDE 50 15 02 N	M-C	1968-70	1968-70	1968-70	1968-69			
	LONGITUDE 118 59 51 W	M-C	1971-72	1971-72					
	DRAINAGE AREA 82 7 km ²	M-S	1973	1973					
	TOTAL NUMBER OF SAMPLES		645		435	175			
	REMARK(S) - NATURAL FLOW								
08NH128	MEADOW CREEK DIVERSION BELOW JOHN CREEK	M-S	1968	1968	1968	1968			
	LATITUDE 50 15 15 N	M-C	1969-72	1969-72	1969-70	1969			
	LONGITUDE 118 59 51 W	M-S	1973	1973					
	DRAINAGE AREA 118 59 51 W								
	TOTAL NUMBER OF SAMPLES		571		342	78			
	REMARK(S) - REGULATED								
08NK023	MICHEL CREEK AT MICHEL	M-S	1970		1970	1970			
	LATITUDE 49 41 55 N	M-C	1971-72		1971-72	1971-72			
	LONGITUDE 114 49 24 W	M-C	1973-74		1973	1973-74			
	DRAINAGE AREA 114 49 24 W	M-S	1975			1975			
	TOTAL NUMBER OF SAMPLES	M-C	1976-77			1976-77			
	REMARK(S) - NATURAL FLOW								
08NK020	MICHEL CREEK BELOW NATAL	M-C	1970-74	1970-74	1970-73	1970-74			
	LATITUDE 49 43 49 N	M-S	1975	1975		1975			
	LONGITUDE 114 51 24 W	M-C	1976-77	1976-77		1976-77			
	DRAINAGE AREA 837 km ²								
	TOTAL NUMBER OF SAMPLES		453		170	227			
	REMARK(S) - NATURAL FLOW								

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STATION NO.	NAME	TYPE OF OPERATION	CONC. DATA	SUSPENDED SEDIMENT			BED LOAD		BED MATERIAL PARTICLE SIZE
				LOADS	DISS. SOLIDS	WATER TEMP	PARTICLE SIZE POINT	VOLUME OR LOADS	PARTICLE SIZE
08CG006	MORE CREEK NEAR THE MOUTH	M-S M-MS	1982 1983-84	1982	1982 1983-84	1982 1983-84	1982 1983-84		
	LATITUDE 57 02 27 N LONGITUDE 130 24 05 W DRAINAGE AREA 844 km ²								
	TOTAL NUMBER OF SAMPLES		209		79	207	29		
	REMARK(S) - NATURAL FLOW								
08CG007	MOSLEY CREEK NEAR DUMBLELL LAKE	M-MS M-S M-MS	1982 1983 1984	1982 1983	1982 1983 1984	1982 1983 1984	1982 1983 1984		
	LATITUDE 51 24 31 N LONGITUDE 124 55 54 W DRAINAGE AREA 1 550 km ²								
	TOTAL NUMBER OF SAMPLES		35		34	34	8		
	REMARK(S) - NATURAL FLOW								
07FB006	MURRAY RIVER ABOVE WOLVERINE RIVER	M-S M-MS	1978-81 1982-85 1986	1978-81 1982-85	1978-81 1982-85 1986	1978-81 1982-85 1986	1978-81 1982-85		
	LATITUDE 55 03 55 N LONGITUDE 121 01 00 W DRAINAGE AREA 2 410 km ²								
	TOTAL NUMBER OF SAMPLES		198		80	181	4		
	REMARK(S) - NATURAL FLOW								
07FB002	MURRAY RIVER NEAR THE MOUTH	M-S M-MS M-S	1978-79 1980 1981-83	1978-79 1980 1981-83	1978-79 1980 1981-83	1978-79 1980 1981-83	1978-79 1981-83		
	LATITUDE 55 34 15 N LONGITUDE 121 11 19 W DRAINAGE AREA 5 620 km ²								
	TOTAL NUMBER OF SAMPLES		116		38	105	24		
	REMARK(S) - NATURAL FLOW								
10CD001	MUSKWA RIVER NEAR FORT NELSON	M-S M-S	1978-80 1982-84	1978-80 1982-84	1978-80 1982-84	1978-80 1982-84	1982-84		
	LATITUDE 58 47 18 N LONGITUDE 122 38 33 W DRAINAGE AREA 20 300 km ²								
	TOTAL NUMBER OF SAMPLES		220		87	77	36		
	REMARK(S) - NATURAL FLOW								
08MH035	PITT RIVER NEAR PORT COQUITLAM	M-S M-C M-MS	1965 1966-71 1972-74	1965 1966-71 1972-74	1965 1966-71 1972-74	1965 1966-71 1972-74	1965 1966-71 1972-74		
	LATITUDE 49 14 40 N LONGITUDE 122 44 00 W DRAINAGE AREA 1 840 km ²								
	TOTAL NUMBER OF SAMPLES		886		330	641			
	REMARK(S) - NATURAL FLOW								
08MG019	PLACE CREEK NEAR BIRKEN	M-MS	1968	1968	1968	1968	1968		
	LATITUDE 50 24 43 N LONGITUDE 122 37 14 W DRAINAGE AREA 7 25 km ²								
	TOTAL NUMBER OF SAMPLES		59		59		2		
	REMARK(S) - NATURAL FLOW								
07FB005	QUALITY CREEK NEAR THE MOUTH	M-MS M-S	1979-80 1981-83	1979-80 1981-83	1979-80 1981-83	1979-80 1981-83	1983		
	LATITUDE 55 08 45 N LONGITUDE 120 55 24 W DRAINAGE AREA 29 5 km ²								
	TOTAL NUMBER OF SAMPLES		74		31	88	1		
	REMARK(S) - NATURAL FLOW								
08CA056	SENTINEL CREEK ABOVE CARIBALDI LAKE	M-S M-S	1967-73 1974-75	1967-73 1974-75	1967-73 1974-75	1967-73 1974-75	1967-71 1974		1967
	LATITUDE 49 54 10 N LONGITUDE 122 59 49 W DRAINAGE AREA 5 70 km ²								
	TOTAL NUMBER OF SAMPLES		587		478	497	42		2
	REMARK(S) - NATURAL FLOW								

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STATION NO.	NAME	TYPE OF OPERATION	CONC. DATA	LOADS	SUSPENDED SEDIMENT			BED LOAD		BED MATERIAL PARTICLE SIZE
					DISS. SOLIDS	WATER TEMP.	PARTICLE SIZE POINT DEPTH	VOLUME OR LOADS	PARTICLE SIZE	
08NH009	SILVERHOPE CREEK NEAR HOPE	M-S M-MS	1965 1965-70 1971	1965 1965-70	1965 1965-70 1971	1965 1965-70 1971				
	LATITUDE 49 21 47 N									
	LONGITUDE 121 28 09 W									
	DRAINAGE AREA 350 km ²									
	TOTAL NUMBER OF SAMPLES		135		135	110				
	REMARK(S) - NATURAL FLOW									
08NJ162	SMOKY CREEK ABOVE DIVERSIONS	M-MS	1963-66		1963-66	1963-66				
	LATITUDE 49 27 57 N									
	LONGITUDE 117 31 04 W									
	DRAINAGE AREA 5.59 km ²									
	TOTAL NUMBER OF SAMPLES		472		115	489				
	REMARK(S) - NATURAL FLOW									
08GA053	SQUAMISH RIVER BELOW MAHOUAN RIVER	P-S	1973-75							
	LATITUDE 49 43 20 N									
	LONGITUDE 123 09 54 W									
	DRAINAGE AREA km ²									
	TOTAL NUMBER OF SAMPLES		334							
	REMARK(S) - REGULATED SINCE 1957									
08NH040	STAVE LAKE INFLOW	M-MS	1965-71		1965-71	1965-71				
	LATITUDE 49 13 46 N									
	LONGITUDE 122 21 18 W									
	DRAINAGE AREA 935 km ²									
	TOTAL NUMBER OF SAMPLES		131		126	86				
	REMARK(S) - REGULATED									
08CF001	STIKINE RIVER ABOVE BUTTERFLY CREEK	M-S M-MS	1962 1963-64	1962	1962 1963-64	1962 1963-64				1962 1963-64
	LATITUDE 57 28 10 N									
	LONGITUDE 121 45 00 W									
	DRAINAGE AREA 38 000 km ²									
	TOTAL NUMBER OF SAMPLES		98		77	89				27
	REMARK(S) - NATURAL FLOW									
08CF002	STIKINE RIVER ABOVE CHOQUETTE RIVER	M-MS	1963-64		1963-64	1963-64				1963-64
	LATITUDE 56 40 48 N									
	LONGITUDE 121 45 57 W									
	DRAINAGE AREA km ²									
	TOTAL NUMBER OF SAMPLES		26		24	20				12
	REMARK(S) - NATURAL FLOW									
08CB001	STIKINE RIVER ABOVE GRAND CANYON	M-S	1960-64	1960-64	1962-64	1961-64				1961-64
	LATITUDE 58 02 38 N									
	LONGITUDE 120 58 45 W									
	DRAINAGE AREA 18 800 km ²									
	TOTAL NUMBER OF SAMPLES		337		80	289				88
	REMARK(S) - NATURAL FLOW									
08CE001	STIKINE RIVER AT TELEGRAPH CREEK	M-MS M-MS	1966 1972		1966 1972	1966				
	LATITUDE 57 54 03 N									
	LONGITUDE 121 09 16 W									
	DRAINAGE AREA 29 300 km ²									
	TOTAL NUMBER OF SAMPLES		3		3	1				1
	REMARK(S) - NATURAL FLOW									
07PB007	SUKUNKA RIVER ABOVE CHAMBERLAIN CREEK	M-S M-S	1978-84 1985	1978-84 1985	1982-84 1985	1978-84 1985				1982 1985
	LATITUDE 56 11 16 N									
	LONGITUDE 121 45 40 W									
	DRAINAGE AREA 927 km ²									
	TOTAL NUMBER OF SAMPLES		181		69	162				4
	REMARK(S) - NATURAL FLOW									

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STATION NO.	NAME	TYPE OF OPERATION	CONC. DATA	SUSPENDED SEDIMENT			SED. LOAD		PARTICLE SIZE POINT	PARTICLE SIZE DEPTH	VOLUME OR LOADS	PARTICLE SIZE	SED. MATERIAL PARTICLE SIZE
				LOADS	DISS. SOLIDS	WATER TEMP.							
07F0003	SUKUNKA RIVER NEAR THE MOUTH	M-S M-S	1978-81 1982-83	1978-81 1982-83	1982-83	1978-81 1982-83		1978 1982-83					
	LATITUDE 55 32 34 N LONGITUDE 121 37 28 W DRAINAGE AREA 2 510 km ²												
	TOTAL NUMBER OF SAMPLES		129	27	115								
	REMARK(S) - NATURAL FLOW												
09B0001	TAKU RIVER NEAR TULSEQUAH	M-MS	1988	1988	1988								
	LATITUDE 58 38 20 N LONGITUDE 133 32 25 W DRAINAGE AREA 15 500 km ²												
	TOTAL NUMBER OF SAMPLES		1	1	1								
	REMARK(S) - NATURAL FLOW												
09MA003	TASEKO RIVER AT OUTLET OF TASEKO LAKES	M-MS	1982-84	1982-84	1982-84								
	LATITUDE 51 22 48 N LONGITUDE 123 37 50 W DRAINAGE AREA 1 520 km ²												
	TOTAL NUMBER OF SAMPLES		25	20	25								
	REMARK(S) - NATURAL FLOW												
09NN019	TRAPPING CREEK NEAR THE MOUTH	M-MS	1966-67		1966-67								
	LATITUDE 49 33 52 N LONGITUDE 119 03 08 W DRAINAGE AREA 144 km ²												
	TOTAL NUMBER OF SAMPLES		12		9								
	REMARK(S) - NATURAL FLOW												
09CD001	TUYA RIVER NEAR TELEGRAPH CREEK	M-MS	1972	1972	1972								
	LATITUDE 58 04 20 N LONGITUDE 130 49 27 W DRAINAGE AREA 3 500 km ²												
	TOTAL NUMBER OF SAMPLES		2	2	2								
	REMARK(S) - NATURAL FLOW												
09NN180	VERNON CREEK NEAR THE MOUTH	M-S M-C	1976 1977-80	1978 1977-80		1976 1977-80							
	LATITUDE 50 18 19 N LONGITUDE 119 18 20 W DRAINAGE AREA 751 km ²												
	TOTAL NUMBER OF SAMPLES		905		850								
	REMARK(S) - REGULATED												

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MS - MISCELLANEOUS OPERATION
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SEE INTRODUCTION FOR CONTRIBUTING AGENCIES

MANITOBA

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STATION NO.	NAME	TYPE OF OPERATION	SUSPENDED SEDIMENT				BED LOAD		BED MATERIAL PARTICLE SIZE
			CONC. DATA	LOADS	DISS. SOLIDS	WATER TEMP.	PARTICLE SIZE POINT	DEPTH	
OSMF002	ANTLER RIVER NEAR MELITA	M-S M-C	1976-77 1978-88	1976-77 1978-88	1976-77 1978-88	1976-77 1978-88			
	LATITUDE 49 03 34 N LONGITUDE 101 02 55 W LAND DESCRIPTION NE20-01-27-W1 DRAINAGE AREA 3 230 km ²								
	TOTAL NUMBER OF SAMPLES		426		229	408			
	REMARK(S) - NATURAL FLOW								
OSMJ001	ASSINIBOINE RIVER AT HEADINGLEY	M-S M-S M-C M-C M-C	1966-69 1961 1962-74 1976-77 1978-80	1966-69 1961 1962-74 1976-77 1978-80	1966-69 1961 1962-74 1976-77 1978-80	1966-69 1961 1962-74 1976-77 1978-80	1966-69 1961 1962-74 1976-77 1978-80		1966-69 1961 1962-74 1976-77 1978-80
	LATITUDE 49 52 09 N LONGITUDE 97 24 10 W LAND DESCRIPTION NW28-10-01-E1 DRAINAGE AREA 153 000 km ²								
	TOTAL NUMBER OF SAMPLES		2564		1938	2297	269	280	82
	REMARK(S) - REGULATED								
OSMH006	ASSINIBOINE RIVER NEAR HOLLAND	M-S M-S M-C M-C M-C	1970-73 1974 1976-77 1978-80 1981-84	1970-73 1974 1976-77 1978-80 1981-84	1970-73 1974 1976-77 1978-80 1981-84	1970-73 1974 1976-77 1978-80 1981-84	1970-73 1974 1976-77 1978-80 1981-84		1970-73 1974 1976-77 1978-80 1981-84
	LATITUDE 49 41 54 N LONGITUDE 98 53 58 W LAND DESCRIPTION SE33-08-11-W1 DRAINAGE AREA 182 000 km ²								
	TOTAL NUMBER OF SAMPLES		1674		885	1557	73	80	18
	REMARK(S) - REGULATED								
OSMJ003	ASSINIBOINE RIVER NEAR PORTAGE LA PRAIRIE	M-S M-S M-C M-C M-C	1966-69 1961-82 1963-72 1973-76 1977-78	1966-69 1961-82 1963-72 1973-76 1977-78	1966-69 1961-82 1963-72 1973-76 1977-78	1966-69 1961-82 1963-72 1973-76 1977-78	1966-69 1961-82 1963-72 1973-76 1977-78		1966-69 1961-82 1963-72 1973-76 1977-78
	LATITUDE 49 58 09 N LONGITUDE 93 18 48 W LAND DESCRIPTION SW19-11-05-W1 DRAINAGE AREA 152 000 km ²								
	TOTAL NUMBER OF SAMPLES		2208		1571	2100	231	177	84
	REMARK(S) - REGULATED								
OSMJ005	ASSINIBOINE RIVER NEAR ROSSENDALE	M-S M-C M-MS	1970 1971-72 1973	1970 1971-72 1973	1970 1971-72 1973	1970 1971-72 1973	1970 1971-72 1973		1970 1971-72
	LATITUDE 49 48 32 N LONGITUDE 94 38 32 W LAND DESCRIPTION SW21-09-09-W1 DRAINAGE AREA 152 000 km ²								
	TOTAL NUMBER OF SAMPLES		381		338	323	47	22	8
	REMARK(S) - REGULATED								
OSME001	ASSINIBOINE RIVER NEAR RUSSELL	M-S M-S M-C M-S	1968-73 1974 1976 1976	1968-73 1974 1976 1976	1968-73 1974 1976 1976	1968-73 1974 1976 1976	1968-73 1974 1976 1976		1968-73 1974 1976 1976
	LATITUDE 50 48 35 N LONGITUDE 101 28 10 W LAND DESCRIPTION NW15-21-29-W1 DRAINAGE AREA 19 300 km ²								
	TOTAL NUMBER OF SAMPLES		859		817	867		1	
	REMARK(S) - REGULATED SINCE 1969								
OSTE001	BURNTHOOD RIVER ABOVE THREE POINT LAKE	M-MS D-S M-MS P-S D-S M-MS	1972 1977-78 1979 1980 1981-83 1984	1972 1977-78 1979 1980 1981-83 1984	1972 1977-78 1979 1980 1981-83 1984	1972 1977-78 1979 1980 1981-83 1984	1972 1977-78 1979 1980 1981-83 1984		1972 1977-78 1979 1980 1981-83 1984
	LATITUDE 56 27 50 N LONGITUDE 99 05 00 W DRAINAGE AREA 6 560 km ²								
	TOTAL NUMBER OF SAMPLES		340		121	20			
	REMARK(S) - NATURAL FLOW								
OSTE004	BURNTHOOD RIVER BELOW FIRST RAPIDS	M-MS M-MS	1978-79 1984-85	1978-79 1984-85	1978-79 1984-85	1978-79 1984-85	1978-79 1984-85		
	LATITUDE 56 05 13 N LONGITUDE 96 50 08 W DRAINAGE AREA 683 km ²								
	TOTAL NUMBER OF SAMPLES		9		9	6			
	REMARK(S) - REGULATED								
OSTG001	BURNTHOOD RIVER NEAR THOMPSON	P-S M-MS M-MS M-MS	1970-76 1977-78 1981 1984-85	1970-76 1977-78 1981 1984-85	1970-76 1977-78 1981 1984-85	1970-76 1977-78 1981 1984-85	1970-76 1977-78 1981 1984-85		1970-76 1977-78 1981 1984-85
	LATITUDE 56 44 40 N LONGITUDE 97 53 30 W DRAINAGE AREA 18 500 km ²								
	TOTAL NUMBER OF SAMPLES		422		151	45			
	REMARK(S) - REGULATED SINCE 1973								

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M - MANUAL SAMPLING
D - DUAL PUMP AND MANUAL SAMPLING

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STATION NO.	NAME	TYPE OF OPERATION	CDNC. DATA	SUSPENDED SEDIMENT			SED LOAD		NEW MATERIAL PARTICLE SIZE
				LOADS	DISS. SOLIDS	WATER TEMP.	PARTICLE SIZE POINT	DEPTH	
05E004	CHURCHILL RIVER ABOVE LEAP RAPIDS LATITUDE 56 29 37 N LONGITUDE 100 02 55 W DRAINAGE AREA 244 000 km ² TOTAL NUMBER OF SAMPLES 2 REMARK(S) - REGULATED SINCE 1926	M-MS	1976						
05E002	CHURCHILL RIVER DIVERSION AT SOUTH BAY LATITUDE 56 39 15 N LONGITUDE 99 03 08 W DRAINAGE AREA km ² TOTAL NUMBER OF SAMPLES 108 REMARK(S) - REGULATED SINCE 1976	D-S D-MS	1977-78 1980-81		1977-78 1980-81 1980-81				
05LJ047	EDWARDS CREEK DRAIN BELOW JACKPINE CREEK LATITUDE 51 08 30 N LONGITUDE 99 58 20 W LAND DESCRIPTION SE09-25-18-W1 DRAINAGE AREA 311 km ² TOTAL NUMBER OF SAMPLES 480 REMARK(S) - REGULATED	M-S	1980-86	1980-86	1980-86	1980-86	1980-86		
05LJ022	EDWARDS CREEK NEAR DAUPHIN LATITUDE 51 07 30 N LONGITUDE 100 02 20 W LAND DESCRIPTION NW36-24-19-W1 DRAINAGE AREA 142 km ² TOTAL NUMBER OF SAMPLES 557 REMARK(S) - REGULATED	M-MS M-S	1988 1971-79	1971-79	1971-79	1971-79	1971-79		1971
05LJ048	WINK CREEK NEAR SIPTON LATITUDE 51 25 55 N LONGITUDE 100 01 00 W LAND DESCRIPTION NE28-28-19-W1 DRAINAGE AREA 269 km ² TOTAL NUMBER OF SAMPLES 30 REMARK(S) - NATURAL FLOW	M-S	1980-82	1980-82	1980-82	1980-82			
05LJ025	MOSSY RIVER BELOW OUTLET OF DAUPHIN LAKE LATITUDE 51 27 00 N LONGITUDE 99 58 00 W LAND DESCRIPTION SE06-28-19-W1 DRAINAGE AREA 8 710 km ² TOTAL NUMBER OF SAMPLES 111 REMARK(S) - REGULATED	M-C	1980-82	1980-82	1980-82	1980-82			
05UD004	NELSON RIVER ABOVE BLADDER RAPIDS LATITUDE 54 46 30 N LONGITUDE 97 55 50 W DRAINAGE AREA 1 000 000 km ² TOTAL NUMBER OF SAMPLES 15 REMARK(S) - REGULATED SINCE 1973	M-MS M-MS	1978 1984		1978 1984				
05LJ005	OCHE RIVER AT OCHE RIVER LATITUDE 51 03 55 N LONGITUDE 99 48 44 W LAND DESCRIPTION NE05-24-17-W1 DRAINAGE AREA 342 km ² TOTAL NUMBER OF SAMPLES 262 REMARK(S) - NATURAL FLOW	M-S	1980-82	1980-82	1980-82	1980-82	1980-82		
05TG003	ODEI RIVER NEAR THOMPSON LATITUDE 55 59 45 N LONGITUDE 97 21 23 W DRAINAGE AREA 6 130 km ² TOTAL NUMBER OF SAMPLES 497 REMARK(S) - NATURAL FLOW	D-S M-MS D-S	1979-83 1984 1985-86	1979-83 1984 1985-86	1979-83 1984 1985-86	1979-83 1984 1985-86			

P - PUMP SAMPLING
M - MANUAL SAMPLING
D - DUAL PUMP AND MANUAL SAMPLING

C - CONTINUOUS OPERATION
MS - MISCELLANEOUS OPERATION
S - SEASONAL OPERATION

V - VOLUMETRIC MEASUREMENT
SEE INTRODUCTION FOR CONTRIBUTING AGENCIES

STATION NO.	NAME	TYPE OF OPERATION	CONC. DATA	SUSPENDED SEDIMENT				BED LOAD		BED MATERIAL PARTICLE SIZE
				LOADS	DISS. SOLIDS	WATER TEMP.	PARTICLE SIZE POINT DEPTH	VOLUME OR LOADS	PARTICLE SIZE	
OSLJ034	PACKHORSE CREEK NEAR MCCREARY	M-S	1982-75	1982-75	1982-72	1982-75	1982-75			1985
	LATITUDE 50 43 00 N									
	LONGITUDE 99 35 00 W									
	LAND DESCRIPTION SE14-20-18-W1									
	DRAINAGE AREA 5.14 km ²									
	TOTAL NUMBER OF SAMPLES		519	350	840		72			2
	REMARK(S) - NATURAL FLOW		- DATA CONTRIBUTED BY 390							
OS08007	PEMBINA RIVER NEAR WINDYGATES	M-S	1982	1982	1982	1982	1982			
	LATITUDE 49 01 53 N	M-C	1983-89	1983-89	1983-89	1983-89	1984-87	1983-89		1983-89
	LONGITUDE 98 18 40 W	M-C	1970-77	1970-77	1970-71	1970-77	1970-77			1970-77
	LAND DESCRIPTION SE13-01-07-W1		1978-85	1978-85	1978-85	1978-85	1978-85			1981
	DRAINAGE AREA 7 500 km ²									
	TOTAL NUMBER OF SAMPLES		2437	1876	2403		85	214		34
	REMARK(S) - REGULATED		- INTERNATIONAL GAUGING STATION							
OSLL018	PORTAGE DIVERSION NEAR OAKLAND	M-S	1970-71	1970-71	1970-71	1970-71	1970	1970-71		1970-71
	LATITUDE 50 08 30 W	M-S	1972-73	1972-73	1972	1972	1972	1972		
	LONGITUDE 98 22 50 W	M-S	1974-78	1974-78	1974	1974-78	1975-78	1974-78		1974-78
	LAND DESCRIPTION SE20-13-07-W1									
	DRAINAGE AREA km ²									
	TOTAL NUMBER OF SAMPLES		240	123	241		88	30		7
	REMARK(S) - REGULATED SINCE 1970									
OSLL019	PORTAGE DIVERSION NEAR PORTAGE LA PRAIRIE	M-S	1970-73	1970-73		1970-73		1970-73		
	LATITUDE 49 54 00 N	M-S	1974-77	1974-77		1974-78		1974-78		
	LONGITUDE 98 22 50 W	M-S	1979	1979	1979	1979		1979		
	LAND DESCRIPTION SE22-11-07-W1									
	DRAINAGE AREA km ²									
	TOTAL NUMBER OF SAMPLES		207	20	210		33			
	REMARK(S) - REGULATED SINCE 1970									
OSTP003	RAT RIVER BELOW NOTICE CONTROL STRUCTURE	M-MS	1972		1972	1972				
	LATITUDE 55 51 37 N	M-MS	1978-79		1978-79	1978				
	LONGITUDE 99 17 34 W	M-MS	1981		1981	1981				
	DRAINAGE AREA 5 080 km ²									
	TOTAL NUMBER OF SAMPLES		18		18	12				
	REMARK(S) - REGULATED SINCE 1976									
OSDC003	RED RIVER AT ELM PARK BRIDGE	M-S	1956-58					1956-57		
	LATITUDE 49 51 15 N	M-S	1961					1961		
	LONGITUDE 97 08 30 W									
	DRAINAGE AREA km ²									
	TOTAL NUMBER OF SAMPLES		40					14		
	REMARK(S) - REGULATED SINCE 1969									
OSDC001	RED RIVER AT EMERSON	M-S	1955	1955			1955	1955		
	LATITUDE 49 00 30 N	M-S	1961	1961		1961	1961	1961		1956
	LONGITUDE 97 12 40 W	M-C	1978-80	1978-80	1978-80	1978-80	1979-80	1978-80		1978-79
	DRAINAGE AREA 104 000 km ²	M-C	1981-85	1981-85	1981-85	1981-85	1982	1981-85		1981
	TOTAL NUMBER OF SAMPLES		1201	593	1157		109	88		5
	REMARK(S) - REGULATED		- INTERNATIONAL GAUGING STATION							
OSDJ005	RED RIVER AT SELKIRK	M-S	1956-58					1956-58		
	LATITUDE 50 08 30 N	M-S	1961			1961		1961		
	LONGITUDE 96 52 05 W	M-MS	1974			1974		1974		
	DRAINAGE AREA km ²									
	TOTAL NUMBER OF SAMPLES		48		21			14		
	REMARK(S) - REGULATED									
OSDJ001	RED RIVER AT WINNIPEG	M-S	1956-59			1956-59		1956-59		
	LATITUDE 49 55 00 N	M-S	1961			1961		1961		
	LONGITUDE 97 07 30 W									
	DRAINAGE AREA 287 000 km ²									
	TOTAL NUMBER OF SAMPLES		45		17			22		
	REMARK(S) - REGULATED		- DATA CONTRIBUTED BY 500							

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V - VOLUMETRIC MEASUREMENT

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STATION NO.	NAME	TYPE OF OPERATION	CONC. DATA	SUSPENDED SEDIMENT				BED LOAD		BED MATERIAL PARTICLE SIZE
				LOADS	DISS. SOLIDS	WATER TEMP.	PARTICLE SIZE POINT	DEPTH	VOLUME OR LOADS	
OS0J014	RED RIVER FLOODWAY NEAR LOCKPORT	M-S	1969-73	1969-73	1969-71	1969-72	1969-71	1969-72		1969-71
		M-S	1974	1974	1974	1974	1974	1974		1974
		D-S	1975-76	1975-76		1975-76	1975	1975-76		1976
	LATITUDE 50 05 00 N									
	LONGITUDE 96 55 40 W									
	DRAINAGE AREA km ²									
	TOTAL NUMBER OF SAMPLES		128		95	105	141	55		9
	REMARK(S) - REGULATED SINCE 1969									
OS0C017	RED RIVER FLOODWAY NEAR ST. NORBERT	M-S	1969-70	1969-70	1969-70	1969-70	1969	1969-70		1969-70
		M-S	1971-73	1971-73	1971-72	1971-72	1971	1971-72		1971
		M-S	1974-75	1974-75		1974-75	1974	1974		1974
		M-S	1976-77	1976-77		1976	1976	1976		1976
		M-S	1978-79	1978-79	1978-79	1978-79	1978	1978-79		1978
	LATITUDE 49 45 24 N									
	LONGITUDE 97 07 35 W									
	DRAINAGE AREA km ²									
	TOTAL NUMBER OF SAMPLES		210		126	204	131	59		10
	REMARK(S) - REGULATED SINCE 1969									
OS0J010	RED RIVER NEAR LOCKPORT	M-S	1962	1962	1962	1962				
		M-C	1963-71	1963-71	1963-71	1963-71	1963-71	1963-71		
		D-C	1972-77	1972-77	1977	1972-77	1974-76	1972-76		
		M-C	1978-81	1978-81	1978-81	1978-81	1978	1978-79		
		M-C	1982-86	1982-86	1982-86	1982-86		1982-86		
	LATITUDE 50 06 28 N									
	LONGITUDE 96 55 54 W									
	DRAINAGE AREA 257 000 km ²									
	TOTAL NUMBER OF SAMPLES		3748		2039	2850	481	176		
	REMARK(S) - REGULATED									
OS0C008	RED RIVER NEAR ST. NORBERT	M-S	1967	1967	1967	1967		1967		
		M-S	1969-72	1969-72	1969-71	1969-72	1971	1969-72		1969-71
		M-S	1974-75	1974-75	1974	1974-75	1974	1974-75		1974
		M-S	1976	1976		1976	1976	1976		1976
		M-S	1978-79	1978-79	1978-79	1978-79	1978	1978-79		1978
	LATITUDE 49 47 10 N									
	LONGITUDE 97 06 13 W									
	DRAINAGE AREA 124 000 km ²									
	TOTAL NUMBER OF SAMPLES		231		175	235	135	48		10
	REMARK(S) - REGULATED									
OS0C012	RED RIVER NEAR STE. AGATHE	M-S	1961	1961	1961	1961				
		M-C	1962-66	1962-66	1962-66	1962-66	1962-66	1962-66		1962-66
		M-C	1967-70	1967-70	1967-70	1967-70	1967-68	1967-70		1967-70
		D-C	1971-73	1971-73	1971-73	1971-73	1971	1971-73		1971-73
		D-C	1974-78	1974-78	1974-78	1974-78	1974-78	1974-78		1974-78
	LATITUDE 49 33 40 N									
	LONGITUDE 97 03 15 W									
	DRAINAGE AREA 117 000 km ²									
	TOTAL NUMBER OF SAMPLES		2043		1802	1020	393	114		59
	REMARK(S) - REGULATED									
OS0D004	ROSEAU RIVER AT GARDENTON	M-S	1972-75	1972-75	1972-74	1972-75				
		M-S	1976-86	1976-86	1976-86	1976-86				
	LATITUDE 49 05 15 N									
	LONGITUDE 96 41 15 W									
	LAND DESCRIPTION SW02-02-08-E1									
	DRAINAGE AREA 4 470 km ²									
	TOTAL NUMBER OF SAMPLES		1318		644	1205				
	REMARK(S) - NATURAL FLOW									
OS0D001	ROSEAU RIVER NEAR DOMINION CITY	M-S	1972-75	1972-75	1972-74	1972-75				
		M-S	1976-78	1976-78	1976-78	1976-78				
		M-C	1979-82	1979-82	1979-82	1979-82		1980		
		M-C	1983-86	1983-86	1983-86	1983-86		1983-84		
	LATITUDE 49 11 53 N									
	LONGITUDE 97 03 15 W									
	LAND DESCRIPTION SE12-03-03-E1									
	DRAINAGE AREA 5 200 km ²									
	TOTAL NUMBER OF SAMPLES		1732		762	1579		3		
	REMARK(S) - NATURAL FLOW									
OSKJ001	SASKATCHEWAN RIVER AT THE PAS	M-S	1954-57	1954-57	1955-57	1956	1954	1954-57		1954-55
		M-S	1958-60	1958-60	1958-60	1958-60		1960		
		M-S	1962	1962	1962	1962				1962
		M-C	1963-68	1963-68	1963-68	1963-68	1963-65	1963-68		1963-68
		M-C	1969-71	1969-71	1969-71	1969-71	1969	1969-71		1969-71
		M-C	1972	1972		1972	1972	1972		1972
		D-C	1973-74	1973-74		1973-74	1974	1974		1973
		M-C	1975-77	1975-77	1977	1975-77				
		D-C	1978-79	1978-79	1978-79	1978-79		1978		
		M-C	1980-84	1980-84	1981-84	1980-84		1981-83		
		M-C	1985-86	1985-86	1985-86	1985-86		1985-86		
	TOTAL NUMBER OF SAMPLES		3432		1084	2926	314	157		80
	REMARK(S) - REGULATED									
OS0E013	SEINE RIVER DIVERSION NEAR ST. ADOLPHE	M-MS	1972		1972	1972		1972		
		M-S	1973-74	1973-74	1973-74	1973-74		1974		
		D-S	1975-76	1975-76	1975	1976				
		D-S	1977-78	1977-78	1977-78	1977-78		1978		
		M-MS	1979		1979	1979				
	LATITUDE 49 41 50 N									
	LONGITUDE 97 05 30 W									
	DRAINAGE AREA km ²									
	TOTAL NUMBER OF SAMPLES		430		252	129		6		
	REMARK(S) - REGULATED									

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STATION NO	NAME	TYPE OF OPERATION	CONC. DATA	SUSPENDED SEDIMENT			BED LOAD		BED MATERIAL PARTICLE SIZE
				LOADS	DISS. SOLIDS	WATER TEMP	PARTICLE SIZE POINT	VOLUME OR LOADS	
OSDHO08	SEINE RIVER DIVERSION NEAR STE ANNE	D-MS	1972		1972	1972			
		D-S	1973-77	1973-77	1973-76	1973-76			
		D-S	1978-79	1978-79	1978-79	1978-79			
							1978		
	LATITUDE 49 39 10 N								
	LONGITUDE 96 29 10 W								
	DRAINAGE AREA 80 400 km ²								
	TOTAL NUMBER OF SAMPLES		327		334	164		4	
	REMARK(S) - REGULATED								
OSNG001	SOURIS RIVER AT WAWANESA	M-S	1980	1980	1980	1980			
		M-C	1981-85	1981-85	1981-85	1981-85			
							1982-83		
	LATITUDE 49 38 05 N								
	LONGITUDE 99 40 55 W								
	LAND DESCRIPTION NW26-07-17-W1								
	DRAINAGE AREA 80 400 km ²								
	TOTAL NUMBER OF SAMPLES		588		283	856		5	
	REMARK(S) - REGULATED								
OSNFO18	SOURIS RIVER NEAR COULTER	M-S	1977	1977	1977	1977			
		M-C	1978-85	1978-85	1978-85	1978-85			
							1983-85		
	LATITUDE 49 05 27 N								
	LONGITUDE 100 57 12 W								
	LAND DESCRIPTION SW08-02-26-W1								
	DRAINAGE AREA 43 200 km ²								
	TOTAL NUMBER OF SAMPLES		770		319	499		9	
	REMARK(S) - REGULATED								
OSNG025	SOURIS RIVER NEAR LAUDER	M-S	1982-85	1982-85	1982-85	1982-85			
	LATITUDE 49 24 00 N								
	LONGITUDE 100 49 27 W								
	LAND DESCRIPTION SE22-05-25-W1								
	DRAINAGE AREA 51 700 km ²								
	TOTAL NUMBER OF SAMPLES		426		215	420			
	REMARK(S) - REGULATED								
OSNG026	SOURIS RIVER NEAR MINTO	M-S	1983-85		1983-85	1983-85			
							1986		
	LAND DESCRIPTION NE21-06-19-W1								
	DRAINAGE AREA 80 400 km ²								
	TOTAL NUMBER OF SAMPLES		367		216	386		1	
	REMARK(S) - REGULATED								
OSNFO12	SOURIS RIVER NEAR WESTHOPE	M-MS	1955-59						
		M-MS	1974-75			1974-75			
		M-S	1976	1976	1976	1976			
	LATITUDE 48 59 47 N								
	LONGITUDE 100 57 29 W								
	LAND DESCRIPTION SW30-184-79-W1								
	DRAINAGE AREA 42 900 km ²								
	TOTAL NUMBER OF SAMPLES		69		12	27			
	REMARK(S) - REGULATED								
									INTERNATIONAL GAUGING STATION
OSDFO17	SOUTH TOBACCO CREEK NEAR MIAMI	M-S	1962-66	1962-66	1962-66	1962-66			
		M-S	1967-70	1967-70	1967-70	1967-70			
		D-S	1971-77	1971-77	1971-77	1971-77			
							1983-85		
	LATITUDE 48 22 50 N								
	LONGITUDE 98 14 55 W								
	LAND DESCRIPTION NW08-05-05-W1								
	DRAINAGE AREA 72 0 km ²								
	TOTAL NUMBER OF SAMPLES		1230		1075	1155		144	
	REMARK(S) - NATURAL FLOW								
OSTCO02	TAYLOR RIVER NEAR THOMPSON	D-S	1971-72	1971-72	1971-72	1971-72			
		P-S	1973-78	1973-78	1973-78	1973-78			
		D-S	1979	1979	1979	1979			
	LATITUDE 55 29 20 N								
	LONGITUDE 98 11 10 W								
	DRAINAGE AREA 883 km ²								
	TOTAL NUMBER OF SAMPLES		431		113	13			
	REMARK(S) - NATURAL FLOW								
OSLJ007	TURTLE RIVER NEAR LAURIER	M-S	1966-74	1966-74	1966-74	1966-74			
		M-S	1975-78	1975-78	1975-78	1975-78			
		M-S	1977-82	1977-82	1977-82	1977-82			
							1986-78		
	LATITUDE 50 56 40 N								
	LONGITUDE 99 31 15 W								
	LAND DESCRIPTION NW32-22-15-W1								
	DRAINAGE AREA 976 km ²								
	TOTAL NUMBER OF SAMPLES		1097		855	1040		141	
	REMARK(S) - NATURAL FLOW								

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NEW BRUNSWICK

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STATION NO.	NAME	TYPE OF OPERATION	CONC. DATA	SUSPENDED SEDIMENT				BED LOAD		BED MATERIAL PARTICLE SIZE
				LOADS	DISS. SOLIDS	WATER TEMP.	PARTICLE SIZE POINT	DEPTH	VOLUME OR LOADS	PARTICLE SIZE
01B0003	BARNABY RIVER BELOW SEMIWAGAN RIVER	M-S	1976	1976	1976	1976				
	LATITUDE 46 53 19 N LONGITUDE 66 38 44 W DRAINAGE AREA 484 km ²									
	TOTAL NUMBER OF SAMPLES		36		2	30				
	REMARK(S) - NATURAL FLOW									
01AJ010	BECAQUINEC STREAM AT COLDSTREAM	D-S M-C D-C	1974-75 1976 1977-78	1974-78 1976 1977-78	1974-78 1976 1977-78	1974-78 1976 1977-78		1974		
	LATITUDE 46 30 27 N LONGITUDE 67 27 58 W DRAINAGE AREA 380 km ²									
	TOTAL NUMBER OF SAMPLES		241		164	218		4		
	REMARK(S) - NATURAL FLOW									
01AF008	BLACK BROOK NEAR ST-ANDRE-DE-MADAWASKA	M-S P-S D-S	1971 1972-73 1974	1971 1972-73 1974	1971 1972-73 1974	1971 1972-73 1974				1972-73
	LATITUDE 47 05 39 N LONGITUDE 67 43 53 W DRAINAGE AREA 14.2 km ²									
	TOTAL NUMBER OF SAMPLES		176		158	17		9		
	REMARK(S) - NATURAL FLOW									
01BS001	COAL BRANCH RIVER AT BEERSVILLE	M-S M-C	1984 1985-86	1984 1985-86	1984 1985-86	1984 1985-86				
	LATITUDE 46 28 37 N LONGITUDE 66 03 55 W DRAINAGE AREA 188 km ²									
	TOTAL NUMBER OF SAMPLES		269		23	267				
	REMARK(S) - NATURAL FLOW									
01AR005	DENNIS STREAM NEAR ST. STEPHEN	M-S M-C M-S	1984 1985 1986	1984 1985 1986	1984 1985 1986	1984 1985 1986				
	LATITUDE 46 12 38 N LONGITUDE 67 15 45 W DRAINAGE AREA 116 km ²									
	TOTAL NUMBER OF SAMPLES		312		18	238				
	REMARK(S) - NATURAL FLOW									
01AF007	GRANDE RIVIERE AT VIOLETTE BRIDGE	M-S	1984-86	1984-86	1984	1984-86				
	LATITUDE 47 14 48 N LONGITUDE 67 56 16 W DRAINAGE AREA 338 km ²									
	TOTAL NUMBER OF SAMPLES		257		16	185				
	REMARK(S) - NATURAL FLOW									
01AJ005	HOLMES BROOK AT MOOSE MOUNTAIN	M-S M-C	1971 1972-74	1971 1972-74	1971 1972-74	1971 1972-74				
	LATITUDE 46 38 48 N LONGITUDE 67 38 38 W DRAINAGE AREA 7.77 km ²									
	TOTAL NUMBER OF SAMPLES		388		251	117				
	REMARK(S) - NATURAL FLOW									
01AJ007	HOLMES BROOK NEAR HOLMESVILLE	M-S M-C	1971 1972-74	1971 1972-74	1971 1972-74	1971 1972-74		1973		
	LATITUDE 46 34 34 N LONGITUDE 67 35 43 W DRAINAGE AREA 31.3 km ²									
	TOTAL NUMBER OF SAMPLES		382		363	117		2		
	REMARK(S) - NATURAL FLOW									
01AP004	KENNEBECASIS RIVER AT APOHAQUI	M-S M-C M-C M-C M-C	1966 1967-69 1970-71 1972-77 1978-83 1984-86	1966 1967-69 1970-71 1972-77 1978-83 1984-86	1966 1967-69 1970-71 1972-77 1978-83 1984-86	1966 1967-69 1970-71 1972-77 1978-83 1984-86				1967-69 1970 1972-73 1978
	LATITUDE 46 42 07 N LONGITUDE 66 36 05 W DRAINAGE AREA 1 100 km ²									
	TOTAL NUMBER OF SAMPLES		3111		1354	2912		6		11
	REMARK(S) - NATURAL FLOW									

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STATION NO.	NAME	TYPE OF OPERATION	CONC. DATA	SUSPENDED SEDIMENT			BED LOAD		BED MATERIAL PARTICLE SIZE
				LOADS	DISS. SOLIDS	WATER TEMP.	PARTICLE SIZE POINT DEPTH	VOLUME OR LOADS	PARTICLE SIZE
018P001	LITTLE SOUTHWEST MIRAMICHI RIVER AT LYTTLETON	M-S	1975	1975	1975	1975			
	LATITUDE 45 55 09 N								
	LONGITUDE 65 54 28 W								
	DRAINAGE AREA 1 340 km ²								
	TOTAL NUMBER OF SAMPLES		42		20	42			
	REMARK(S) - NATURAL FLOW								
01AK005	MIDDLE BRANCH NASHWAAKSIS STREAM NEAR ROYAL ROAD	M-S	1965	1965	1965	1965			
	LATITUDE 46 02 08 N	M-C	1966-69	1966-69	1967-69	1968-69		1967-69 V	1967-69
	LONGITUDE 66 43 05 W	M-C	1970-72	1970-72	1970-72	1970-72		1970 V	1970-71
	DRAINAGE AREA 26.9 km ²	M-C	1973-75	1973-75	1973-75	1973-75		1975 V	1973-74
	TOTAL NUMBER OF SAMPLES		1235		842	1043			11
	REMARK(S) - NATURAL FLOW								
01AL008	NARROWS MOUNTAIN BROOK NEAR NARROWS MOUNTAIN	D-S	1974-75	1974-75	1974-75	1974-75			
	LATITUDE 46 18 36 N	D-S	1977-78	1977-78	1977	1977-78			
	LONGITUDE 67 01 17 W	M-S	1980-85	1980-85	1984	1980-86			
	DRAINAGE AREA 3.68 km ²								
	TOTAL NUMBER OF SAMPLES		447		21	260			
	REMARK(S) - NATURAL FLOW								
018U001	NORTHWEST MIRAMICHI RIVER AT TROUT BROOK	M-S	1975	1975	1975	1975			
	LATITUDE 47 05 41 N								
	LONGITUDE 68 50 14 W								
	DRAINAGE AREA 948 km ²								
	TOTAL NUMBER OF SAMPLES		34		17	33			
	REMARK(S) - NATURAL FLOW								
018U004	PALMERS CREEK NEAR DORCHESTER	M-S	1967	1967	1967	1967			
	LATITUDE 45 53 14 N	M-C	1968-74	1968-74	1968-74	1968-74			
	LONGITUDE 64 30 59 W								
	DRAINAGE AREA 34.2 km ²								
	TOTAL NUMBER OF SAMPLES		527		527	394			
	REMARK(S) - NATURAL FLOW								
018U002	PETITCODJAC RIVER NEAR PETITCODJAC	M-S	1967	1967	1967	1967			
	LATITUDE 46 56 37 N	M-C	1968-72	1968-72	1968-72	1968-71			
	LONGITUDE 65 10 13 W	M-C	1973-63	1973-63	1973-78	1973-63			
	DRAINAGE AREA 391 km ²								
	TOTAL NUMBER OF SAMPLES		1678		952	1296			
	REMARK(S) - NATURAL FLOW								
018U002	RENGUS RIVER AT MCGRAW BROOK	M-S	1975	1975	1975	1975			
	LATITUDE 45 48 17 N								
	LONGITUDE 65 08 53 W								
	DRAINAGE AREA 611 km ²								
	TOTAL NUMBER OF SAMPLES		38		19	37			
	REMARK(S) - NATURAL FLOW								
01AK004	SAINT JOHN RIVER BELOW MACTAQUAC	M-S	1966-68	1966-68	1967-68	1968-68			
	LATITUDE 45 57 44 N								
	LONGITUDE 65 49 51 W								
	DRAINAGE AREA 39 900 km ²								
	TOTAL NUMBER OF SAMPLES		194		58	123			
	REMARK(S) - REGULATED								
018U001	SOUTHWEST MIRAMICHI RIVER AT BLACKVILLE	M-S	1975	1975	1975	1975			
	LATITUDE 46 44 10 N	M-S	1984	1984	1984	1984			
	LONGITUDE 65 49 38 W	M-C	1985	1985	1985	1985			
	DRAINAGE AREA 5 050 km ²	M-S	1986	1986	1986	1986			
	TOTAL NUMBER OF SAMPLES		292		42	286			
	REMARK(S) - NATURAL FLOW								

P - PUMP SAMPLING
M - MANUAL SAMPLING
D - DUAL PUMP AND MANUAL SAMPLING

C - CONTINUOUS OPERATION
MS - MISCELLANEOUS OPERATION
S - SEASONAL OPERATION

V - VOLUMETRIC MEASUREMENT
SEE INTRODUCTION FOR CONTRIBUTING AGENCIES

NEWFOUNDLAND

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STATION NO.	NAME	TYPE OF OPERATION	CONC. DATA	SUSPENDED SEDIMENT			SED. LOAD		SED. MATERIAL PARTICLE SIZE
				LOADS	DISS. SOLIDS	WATER TEMP.	PARTICLE SIZE POINT DEPTH	VOLUME OR LOADS	
0308001	CHURCHILL RIVER ABOVE UPPER MUSKRAT FALLS	M-MS	1987		1987				
	LATITUDE 53 14 52 N								
	LONGITUDE 50 47 21 W								
	DRAINAGE AREA 92 600 km ²								
	TOTAL NUMBER OF SAMPLES		1		1				
	REMARK(S) - REGULATED SINCE 1971								
03VJ001	NARRE RIVER BELOW HIGHWAY BRIDGE	M-S M-C	1979 1980-86	1979 1980-86	1979 1980-86	1979 1980-86			
	LATITUDE 48 34 31 N								
	LONGITUDE 58 21 48 W								
	DRAINAGE AREA 840 km ²								
	TOTAL NUMBER OF SAMPLES		564		29	557			
	REMARK(S) - NATURAL FLOW								
02JA002	HIGHLANDS RIVER AT TRANS-CANADA HIGHWAY	M-MS M-C	1981 1982-86	1981 1982-86	1981 1982-86	1981 1982-86			
	LATITUDE 48 08 33 N								
	LONGITUDE 58 47 04 W								
	DRAINAGE AREA 72.0 km ²								
	TOTAL NUMBER OF SAMPLES		404		24	404			
	REMARK(S) - NATURAL FLOW								
02YD002	NORTHEAST BROOK NEAR RODDICKTON	M-S M-C	1981 1982-86	1981 1982-86	1981 1982-86	1981 1982-86			
	LATITUDE 50 55 44 N								
	LONGITUDE 58 08 44 W								
	DRAINAGE AREA 200 km ²								
	TOTAL NUMBER OF SAMPLES		383		22	361			
	REMARK(S) - NATURAL FLOW								
02IM005	NORTHEAST POND RIVER AT NORTHEAST POND	M-S M-C	1970 1971-78	1970 1971-78	1970 1971-78	1970 1971-78			
	LATITUDE 47 38 08 N								
	LONGITUDE 52 50 14 W								
	DRAINAGE AREA 3.80 km ²								
	TOTAL NUMBER OF SAMPLES		841		464	639			
	REMARK(S) - NATURAL FLOW								
02IM008	WATERFORD RIVER AT KILBRIDE	M-S M-C D-C M-C	1978 1979-81 1982-84 1985-86	1978 1979-81 1982-84 1985-86	1978 1979-81 1982-84 1985-86	1978 1979-81 1982-84 1985-86	1978		
	LATITUDE 47 31 47 N								
	LONGITUDE 52 44 34 W								
	DRAINAGE AREA 52.7 km ²								
	TOTAL NUMBER OF SAMPLES		659		21	344			
	REMARK(S) - NATURAL FLOW								

P - PUMP SAMPLING

M - MANUAL SAMPLING

D - DUAL PUMP AND MANUAL SAMPLING

C - CONTINUOUS OPERATION

MS - MISCELLANEOUS OPERATION

S - SEASONAL OPERATION

V - VOLUMETRIC MEASUREMENT

SEE INTRODUCTION FOR CONTRIBUTING AGENCIES

NORTHWEST TERRITORIES

STATION NO.	NAME	TYPE OF OPERATION	CONC. DATA	SUSPENDED SEDIMENT			BED LOAD		BED MATERIAL PARTICLE SIZE
				LOADS	DISS. SOLIDS	WATER TEMP.	PARTICLE SIZE POINT	VOLUME OR LOADS	
10VCO11	ABBOTT RIVER ABOVE MIDSHIPMAN BAY	M-MS	1975						
	LATITUDE 75 14 00 N LONGITUDE 95 41 00 W DRAINAGE AREA 191 km ²								
	REMARK(S) - NATURAL FLOW								
10VCO01	ALLEN RIVER NEAR THE MOUTH	M-MS	1975						
	LATITUDE 74 50 48 N LONGITUDE 95 03 31 W DRAINAGE AREA 448 km ²								
	REMARK(S) - NATURAL FLOW								
10LA002	ARCTIC RED RIVER NEAR THE MOUTH	M-MS M-S M-MS	1972 1973-74 1975			1972 1973-74 1975	1972 1973-74 1975		1972 1973-74 1975
	LATITUDE 66 47 19 N LONGITUDE 133 04 46 W DRAINAGE AREA 18 600 km ²								
	TOTAL NUMBER OF SAMPLES		57		46		15		7
	REMARK(S) - NATURAL FLOW								
10TMO01	ASTON RIVER ABOVE ASTON BAY	M-MS	1975						
	LATITUDE 73 30 00 N LONGITUDE 94 06 00 W DRAINAGE AREA 961 km ²								
	REMARK(S) - NATURAL FLOW								
10RC001	BACK RIVER ABOVE HERMANN RIVER	M-MS	1972			1972 1972			
	LATITUDE 66 05 10 N LONGITUDE 96 30 15 W DRAINAGE AREA 93 900 km ²								
	TOTAL NUMBER OF SAMPLES		2		2	2			
	REMARK(S) - NATURAL FLOW								
07PA001	BUFFALO RIVER AT HIGHWAY NO. 5	M-S	1973-74 1973-74			1973-74 1973			
	LATITUDE 60 42 44 N LONGITUDE 114 54 11 W DRAINAGE AREA 18 000 km ²								
	TOTAL NUMBER OF SAMPLES		28		25	2			
	REMARK(S) - NATURAL FLOW								
10VCO03	CALEDONIAN RIVER ABOVE BRACEBRIDGE INLET	M-MS	1975						
	LATITUDE 75 37 00 N LONGITUDE 98 35 00 W DRAINAGE AREA 245 km ²								
	REMARK(S) - NATURAL FLOW								
10LC004	CAMPBELL CREEK NEAR INUVIK	M-S	1973-74 1973-74			1973-74 1973			1973
	LATITUDE 68 16 04 N LONGITUDE 133 15 47 W DRAINAGE AREA km ²								
	TOTAL NUMBER OF SAMPLES		41		40				1
	REMARK(S) - NATURAL FLOW								
10TMO02	CUNNINGHAM RIVER ABOVE CUNNINGHAM INLET	M-MS	1975						
	LATITUDE 73 51 00 N LONGITUDE 93 28 00 W DRAINAGE AREA 1 810 km ²								
	REMARK(S) - NATURAL FLOW								
06RC003	DUBAWNT RIVER AT OUTLET OF MARJORIE LAKE	M-MS	1972			1972 1972			
	LATITUDE 64 13 53 N LONGITUDE 99 28 37 W DRAINAGE AREA 57 300 km ²								
	TOTAL NUMBER OF SAMPLES		2		2	2			
	REMARK(S) - NATURAL FLOW								

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STATION NO.	NAME	TYPE OF OPERATION	CONC. DATA	SUSPENDED SEDIMENT			BED LOAD		BED MATERIAL PARTICLE SIZE
				LOADS	DISS. SOLIDS	WATER TEMP.	PARTICLE SIZE POINT	VOLUME OR LOADS	PARTICLE SIZE
10VC000	ELEANOR RIVER ABOVE ELEANOR LAKE	M-MS	1975						
	LATITUDE 75 20 00 N								
	LONGITUDE 94 13 00 W								
	DRAINAGE AREA 865 km ²								
	REMARK(S) - NATURAL FLOW								
10VH001	FALLS RIVER NEAR D'ISERVILLE FJORD	M-S	1975	1975		1975			
	LATITUDE 80 35 05 N								
	LONGITUDE 79 24 40 W								
	DRAINAGE AREA 32.6 km ²								
	REMARK(S) - NATURAL FLOW								
10EAD03	FLAT RIVER NEAR THE MOUTH	M-MS	1978-84		1978-84	1978-84			1978
		M-MS	1985-86		1985-86	1985-86			1985-86
	LATITUDE 81 31 52 N								
	LONGITUDE 126 24 26 W								
	DRAINAGE AREA 8 560 km ²								
	TOTAL NUMBER OF SAMPLES		37		33	34			3
	REMARK(S) - NATURAL FLOW								
10CC002	HARRIS RIVER NEAR THE MOUTH	M-MS	1972						
		M-C	1973-74	1973-74		1973-74			1975
	LATITUDE 81 52 41 N	M-MS	1975			1975			
	LONGITUDE 121 17 26 W	M-S	1975	1975		1975			
	DRAINAGE AREA 701 km ²								
	TOTAL NUMBER OF SAMPLES		124			108			
	REMARK(S) - NATURAL FLOW								
0708001	HAY RIVER NEAR HAY RIVER	M-S	1972-75	1972-75		1972-75			1972-74
		M-MS	1977-84		1978-84	1977-84			1981-83
		M-MS	1985-86		1985-86	1985-86			1985-86
	LATITUDE 80 44 45 N								
	LONGITUDE 115 51 20 W								
	DRAINAGE AREA 47 900 km ²								
	TOTAL NUMBER OF SAMPLES		209		93	199			28
	REMARK(S) - NATURAL FLOW								
10SB001	HAYES RIVER ABOVE CHANTREY INLET	M-MS	1972		1972	1972			
	LATITUDE 87 32 00 N								
	LONGITUDE 94 08 53 W								
	DRAINAGE AREA 18 100 km ²								
	TOTAL NUMBER OF SAMPLES		2		2	2			
	REMARK(S) - NATURAL FLOW								
07NC001	JEAN RIVER BELOW SLAVE RIVER	M-MS	1978-80		1978-80	1978-80			
	LATITUDE 81 14 55 N								
	LONGITUDE 113 19 50 W								
	DRAINAGE AREA km ²								
	TOTAL NUMBER OF SAMPLES		70		6	6			
	REMARK(S) - REGULATED SINCE 1960								
07UC001	KAKISA RIVER AT OUTLET OF KAKISA LAKE	M-MS	1972			1972			
		M-S	1973-74	1973-74		1973-74			
	LATITUDE 80 56 25 N								
	LONGITUDE 117 25 18 W								
	DRAINAGE AREA 15 600 km ²								
	TOTAL NUMBER OF SAMPLES		30			28			
	REMARK(S) - NATURAL FLOW								
05LC001	KAZAN RIVER ABOVE KAZAN FALLS	M-MS	1972		1972	1972			
	LATITUDE 83 39 10 N								
	LONGITUDE 95 51 18 W								
	DRAINAGE AREA 70 000 km ²								
	TOTAL NUMBER OF SAMPLES		2		2	2			
	REMARK(S) - NATURAL FLOW								
05LAD01	KAZAN RIVER AT OUTLET OF ENNADAI LAKE	M-MS	1972		1972	1972			
	LATITUDE 81 15 13 N								
	LONGITUDE 100 58 28 W								
	DRAINAGE AREA 21 400 km ²								
	TOTAL NUMBER OF SAMPLES		2		2	2			
	REMARK(S) - NATURAL FLOW								

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STATION NO.	NAME	TYPE OF OPERATION	CONC. DATA	SUSPENDED SEDIMENT			BED LOAD		BED MATERIAL PARTICLE SIZE
				LOADS	DISS. SOLIDS	WATER TEMP.	PARTICLE SIZE POINT	DEPTH	
10TNO01	LANC RIVER ABOVE PRINCE REGENT INLET	M-MS	1975						
	LATITUDE 72 17 00 N								
	LONGITUDE 94 12 00 W								
	DRAINAGE AREA 134 km ²								
	REMARK(S) - NATURAL FLOW								
10ED002	LIARD RIVER NEAR THE MOUTH	M-MS	1972			1972		1972	
	LATITUDE 61 44 50 N	M-S	1973-74	1973-74		1973-74		1973-74	1973-74
	LONGITUDE 121 13 25 W	M-MS	1975			1975			
	DRAINAGE AREA 277 000 km ²	M-S	1976	1975		1976		1976	
	TOTAL NUMBER OF SAMPLES		378		176	382		76	2
	REMARK(S) - NATURAL FLOW								
10SA002	LORD LINDSAY RIVER ABOVE SARAGAK LAKE	M-MS	1975						
	LATITUDE 70 13 00 N								
	LONGITUDE 93 57 00 W								
	DRAINAGE AREA 1 440 km ²								
	TOTAL NUMBER OF SAMPLES		1						
	REMARK(S) - NATURAL FLOW								
10SA003	LORD LINDSAY RIVER ABOVE WESTERN TRIBUTARY	M-MS	1975						
	LATITUDE 70 28 00 N								
	LONGITUDE 94 28 00 W								
	DRAINAGE AREA 717 km ²								
	TOTAL NUMBER OF SAMPLES		1						
	REMARK(S) - NATURAL FLOW								
10MC005	MACKENZIE RIVER (AKLAVIK CHANNEL) ABOVE SCHODDER CHANNEL	M-S	1974	1974		1974		1974	1974
	LATITUDE 68 15 10 N	M-MS	1975			1975		1975	1975
	LONGITUDE 134 48 00 W								
	DRAINAGE AREA km ²								
	TOTAL NUMBER OF SAMPLES		18		18		8		2
	REMARK(S) - REGULATED SINCE 1968								
10LC002	MACKENZIE RIVER (EAST CHANNEL) AT ISUVIK	M-S	1974-75	1974-75		1974-75		1974-75	1974-75
	LATITUDE 68 22 33 N	M-MS	1977			1977			
	LONGITUDE 133 45 48 W								
	DRAINAGE AREA km ²								
	TOTAL NUMBER OF SAMPLES		47		47		8		2
	REMARK(S) - REGULATED SINCE 1968								
10LC005	MACKENZIE RIVER (KALINEX CHANNEL) ABOVE OBIK CHANNEL	M-S	1974	1974		1974		1974	1975
	LATITUDE 68 23 50 N	M-MS	1975			1975			
	LONGITUDE 133 59 00 W								
	DRAINAGE AREA km ²								
	TOTAL NUMBER OF SAMPLES		13		11		4		1
	REMARK(S) - REGULATED SINCE 1968								
10LC006	MACKENZIE RIVER (MIDDLE CHANNEL) ABOVE NAPIK CHANNEL	M-S	1974	1974		1974		1974	1974
	LATITUDE 68 26 00 N	M-MS	1975			1975		1975	1975
	LONGITUDE 134 06 50 W								
	DRAINAGE AREA km ²								
	TOTAL NUMBER OF SAMPLES		18		13		8		2
	REMARK(S) - REGULATED SINCE 1968								
10MC003	MACKENZIE RIVER (PEEL CHANNEL) ABOVE AKLAVIK	M-S	1974	1974		1974		1974	1975
	LATITUDE 68 12 50 N	M-MS	1975			1975		1975	
	LONGITUDE 135 06 50 W								
	DRAINAGE AREA km ²								
	TOTAL NUMBER OF SAMPLES		15		15		8		1
	REMARK(S) - REGULATED SINCE 1968								

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STATION NO.	NAME	TYPE OF OPERATION	CONC. DATA	SUSPENDED SEDIMENT			SED. LOAD		SED. MATERIAL PARTICLE SIZE
				LOADS	DISS. SOLIDS	WATER TEMP.	PARTICLE SIZE POINT	DEPTH	
10MCO04	MACKENZIE RIVER (WEST CHANNEL) BELOW AKLAVIK CHANNEL	M-S M-MS	1974 1975	1974		1974 1975		1974 1975	1975
	LATITUDE 88 15 30 N LONGITUDE 135 03 00 W DRAINAGE AREA km ²								
	TOTAL NUMBER OF SAMPLES		12		12		4		1
	REMARK(S) - REGULATED SINCE 1968								
10LA003	MACKENZIE RIVER ABOVE ARCTIC RED RIVER	M-MS M-S M-MS M-S	1972 1973-74 1975 1980-84	1973-74 1973-74 1975 1980-84		1972 1973-74 1975 1980-84		1972 1973-74 1975 1980-84	1972 1973-74 1975
	LATITUDE 87 21 30 N LONGITUDE 133 33 30 W DRAINAGE AREA 1 560 000 km ²								
	TOTAL NUMBER OF SAMPLES		208		118	194		39	4
	REMARK(S) - REGULATED SINCE 1968								
10EC004	MACKENZIE RIVER ABOVE LIARD RIVER	M-S M-MS	1972-74 1975			1973-74 1975			1974
	LATITUDE 81 52 00 N LONGITUDE 121 20 00 W DRAINAGE AREA km ²								
	TOTAL NUMBER OF SAMPLES		82			57			1
	REMARK(S) - REGULATED SINCE 1968								
10LA005	MACKENZIE RIVER AT ARCTIC RED RIVER	M-S	1985		1985	1985		1985	
	LATITUDE 87 27 30 N LONGITUDE 133 44 41 W DRAINAGE AREA km ²								
	REMARK(S) - REGULATED SINCE 1968								
10LC014	MACKENZIE RIVER AT ARCTIC RED RIVER	M-MS M-S M-MS M-S M-S M-S	1972 1973-74 1975 1980-84 1985 1986	1973-74 1973-74 1975 1980-84 1985 1986		1972 1973-74 1975 1980-84 1985 1986		1972 1973-74 1975 1980-84 1985 1986	1972 1973-74 1975
	LATITUDE 87 27 30 N LONGITUDE 133 44 41 W DRAINAGE AREA km ²								
	TOTAL NUMBER OF SAMPLES		208		122	208		44	
	REMARK(S) - REGULATED SINCE 1968								
10KA001	MACKENZIE RIVER AT NORMAN WELLS	M-MS	1973			1973		1973	
	LATITUDE 85 18 21 N LONGITUDE 126 53 00 W DRAINAGE AREA 1 570 000 km ²								
	TOTAL NUMBER OF SAMPLES		7			8		5	
	REMARK(S) - REGULATED SINCE 1968								
10VC008	MARSHALL RIVER ABOVE ASSISTANCE BAY	M-MS	1975						
	LATITUDE 74 41 00 N LONGITUDE 94 12 00 W DRAINAGE AREA 109 km ²								
	REMARK(S) - NATURAL FLOW								
10CC003	MARTIN RIVER NEAR THE MOUTH	M-S M-MS M-S	1973-74 1975 1976	1973-74 1975 1976		1973-74 1975 1976		1973-74	
	LATITUDE 81 53 50 N LONGITUDE 121 38 27 W DRAINAGE AREA 2 050 km ²								
	TOTAL NUMBER OF SAMPLES		107			98		3	
	REMARK(S) - NATURAL FLOW								
07NC002	HAGLE CHANNEL BELOW SLAVE RIVER	M-MS	1978-80		1978-80	1978-80			
	LATITUDE 81 15 10 N LONGITUDE 113 30 30 W DRAINAGE AREA km ²								
	TOTAL NUMBER OF SAMPLES		7		5	8			
	REMARK(S) - REGULATED SINCE 1968								

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STATION NO.	NAME	TYPE OF OPERATION	CONC. DATA	LOADS	SUSPENDED SEDIMENT		PARTICLE SIZE POINT DEPTH	BED LOAD		BED MATERIAL PARTICLE SIZE
					DISS. SOLIDS	WATER TEMP		VOLUME OR LOADS	PARTICLE SIZE	
OSMA002	SINGUO CREEK NEAR BAKER LAKE	M-MS	1972		1972	1972				
	LATITUDE 84 15 24 N LONGITUDE 96 19 05 W DRAINAGE AREA 431 km ²									
	TOTAL NUMBER OF SAMPLES		2		2	2				
	REMARK(S) - NATURAL FLOW									
10MC002	PEEL RIVER ABOVE FORT MCPHERSON	M-MS	1972							
	LATITUDE 67 14 10 N LONGITUDE 124 54 28 W DRAINAGE AREA 70 600 km ²	M-S M-MS M-S	1972 1973 1974	1973		1973 1974 1975-76	1972 1973 1974 1975-76			1972 1973 1974
	TOTAL NUMBER OF SAMPLES		77			59	11			3
	REMARK(S) - NATURAL FLOW									
OSMB001	QUDICH RIVER ABOVE ST. CLAIR FALLS	M-MS	1972		1972	1972				
	LATITUDE 84 18 22 N LONGITUDE 93 55 02 W DRAINAGE AREA 30 100 km ²									
	TOTAL NUMBER OF SAMPLES		2		2	2				
	REMARK(S) - NATURAL FLOW									
10NS001	REDSTONE RIVER NEAR THE MOUTH	M-MS	1973			1973	1973			
	LATITUDE 84 10 55 N LONGITUDE 124 39 52 W DRAINAGE AREA 16 400 km ²									
	TOTAL NUMBER OF SAMPLES		3			3	5			
	REMARK(S) - NATURAL FLOW									
10LC003	RENGLENG RIVER BELOW DEMPSTER HIGHWAY	M-S M-MS	1973 1974	1973		1973 1974				
	LATITUDE 87 45 22 N LONGITUDE 123 50 40 W DRAINAGE AREA 1 310 km ²									
	TOTAL NUMBER OF SAMPLES		13			12				
	REMARK(S) - NATURAL FLOW									
07NC008	SLAVE RIVER (EAST CHANNEL) NEAR FORT RESOLUTION	M-MS	1978-80		1978-80	1978-80				
	LATITUDE 61 17 55 N LONGITUDE 113 38 10 W DRAINAGE AREA km ²									
	TOTAL NUMBER OF SAMPLES		8		5	7				
	REMARK(S) - REGULATED SINCE 1968									
07NC007	SLAVE RIVER (MIDDLE CHANNEL EAST) NEAR FORT RESOLUTION	M-MS	1978-80		1978-80	1978-80				
	LATITUDE 61 17 25 N LONGITUDE 113 38 10 W DRAINAGE AREA km ²									
	TOTAL NUMBER OF SAMPLES		8		5	7				
	REMARK(S) - REGULATED SINCE 1968									
07NC006	SLAVE RIVER (MIDDLE CHANNEL WEST) NEAR FORT RESOLUTION	M-MS	1978-80		1978-80	1978-80				
	LATITUDE 61 16 20 N LONGITUDE 113 40 00 W DRAINAGE AREA km ²									
	TOTAL NUMBER OF SAMPLES		8		5	7				
	REMARK(S) - REGULATED SINCE 1968									
07NC003	SLAVE RIVER (OLD STEAMBOAT CHANNEL) NEAR FORT RESOLUTION	M-MS	1978-80		1978-80	1978-80				
	LATITUDE 61 15 00 N LONGITUDE 113 37 24 W DRAINAGE AREA km ²									
	TOTAL NUMBER OF SAMPLES		8		5	5				
	REMARK(S) - REGULATED SINCE 1968									

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STATION NO.	NAME	TYPE OF OPERATION	CONC. DATA	LOADS	SUSPENDED SEDIMENT		BED LOAD		BED MATERIAL PARTICLE SIZE
					DISS SOLIDS	WATER TEMP.	PARTICLE SIZE POINT	DEPTH	
07NC009	SLAVE RIVER (RESDELTA CHANNEL) NEAR FORT RESOLUTION	M-MS	1978-80		1978-80	1978-80			
	LATITUDE 81 17 05 N LONGITUDE 113 34 55 W DRAINAGE AREA km ²								
	TOTAL NUMBER OF SAMPLES		7		5	6			
	REMARK(S) - REGULATED SINCE 1969								
07NC004	SLAVE RIVER (WEST CHANNEL) FROM OLD STEAMBOAT CHANNEL	M-MS	1979-80		1979-80	1979			
	LATITUDE 81 14 05 N LONGITUDE 113 41 45 W DRAINAGE AREA km ²								
	TOTAL NUMBER OF SAMPLES		2		2	1			
	REMARK(S) - REGULATED SINCE 1968								
07NC005	SLAVE RIVER (WEST CHANNEL) NEAR FORT RESOLUTION	M-MS	1978-80		1978-80	1978-80			
	LATITUDE 81 15 50 N LONGITUDE 113 37 10 W DRAINAGE AREA km ²								
	TOTAL NUMBER OF SAMPLES		8		6	6			
	REMARK(S) - REGULATED SINCE 1968								
10YC009	SNOWBLIND CREEK ABOVE LAURA LAKES	M-MS	1975						
	LATITUDE 75 11 00 N LONGITUDE 93 54 00 W DRAINAGE AREA 347 km ²								
	REMARK(S) - NATURAL FLOW								
06JC002	THELON RIVER ABOVE BEVERLY LAKE	M-MS	1972		1972	1972			
	LATITUDE 84 31 53 N LONGITUDE 101 21 53 W DRAINAGE AREA 85 800 km ²								
	TOTAL NUMBER OF SAMPLES		2		2	2			
	REMARK(S) - NATURAL FLOW								
05HB002	THLEWIAZA RIVER ABOVE OUTLET SEALHOLE LAKE	M-MS	1972		1972	1972			
	LATITUDE 80 47 02 N LONGITUDE 94 46 40 W DRAINAGE AREA 27 000 km ²								
	TOTAL NUMBER OF SAMPLES		2		2	2			
	REMARK(S) - NATURAL FLOW								
10FA002	TROUT RIVER AT FORT SIMPSON HIGHWAY	M-C M-S M-MS	1973 1974 1975	1973 1974	1973 1974 1975				
	LATITUDE 61 08 23 N LONGITUDE 119 50 09 W DRAINAGE AREA 9 270 km ²								
	TOTAL NUMBER OF SAMPLES		32		36				
	REMARK(S) - NATURAL FLOW								
10SA004	UNNAMED EASTERN TRIBUTARY OF WROTTESELEY RIVER	M-MS	1975						
	LATITUDE 70 57 00 N LONGITUDE 94 47 00 W DRAINAGE AREA 803 km ²								
	TOTAL NUMBER OF SAMPLES		1						
	REMARK(S) - NATURAL FLOW								
10YC005	UNNAMED RIVER ABOVE ALLISON INLET	M-MS	1975						
	LATITUDE 75 10 00 N LONGITUDE 99 18 00 W DRAINAGE AREA 293 km ²								
	REMARK(S) - NATURAL FLOW								

P - PUMP SAMPLING
M - MANUAL SAMPLING
D - DUAL PUMP AND MANUAL SAMPLING

C - CONTINUOUS OPERATION
MS - MISCELLANEOUS OPERATION
S - SEASONAL OPERATION

V - VOLUMETRIC MEASUREMENT

SEE INTRODUCTION FOR CONTRIBUTING AGENCIES

STATION NO.	NAME	TYPE OF OPERATION	CONC. DATA	SUSPENDED SEDIMENT			BED LOAD		BED MATERIAL PARTICLE SIZE
				LOADS	DISS. SOLIDS	WATER TEMP.	PARTICLE SIZE POINT	VOLUME OR LOADS	PARTICLE SIZE
10VC006	UNNAMED RIVER ABOVE BRACEBRIDGE INLET	M-MS	1975						
	LATITUDE 75 42 00 N LONGITUDE 100 33 00 W DRAINAGE AREA 510 km ²								
	REMARK(S) - NATURAL FLOW								
10VC004	UNNAMED RIVER ABOVE COODSIR INLET	M-MS	1975						
	LATITUDE 75 44 00 N LONGITUDE 88 07 00 W DRAINAGE AREA 580 km ²								
	REMARK(S) - NATURAL FLOW								
10VB001	UNNAMED RIVER ABOVE KING POINT	M-MS	1975						
	LATITUDE 75 28 00 N LONGITUDE 105 48 00 W DRAINAGE AREA 1 120 km ²								
	REMARK(S) - NATURAL FLOW								
10VB003	UNNAMED RIVER ABOVE SABINE BAY	M-MS	1975						
	LATITUDE 75 29 00 N LONGITUDE 108 39 00 W DRAINAGE AREA 1 340 km ²								
	REMARK(S) - NATURAL FLOW								
10VB004	UNNAMED RIVER ABOVE WARREN POINT	M-MS	1975						
	LATITUDE 76 12 00 N LONGITUDE 106 27 00 W DRAINAGE AREA 193 km ²								
	REMARK(S) - NATURAL FLOW								
10VB002	UNNAMED RIVER ABOVE WEST ARM OF WEATHERALL BAY	M-MS	1975						
	LATITUDE 75 43 00 N LONGITUDE 107 37 00 W DRAINAGE AREA 298 km ²								
	REMARK(S) - NATURAL FLOW								
10SA001	UNNAMED RIVER AT OUTLET OF LAKE JEKYL	M-MS	1975						
	LATITUDE 59 47 00 N LONGITUDE 93 30 00 W DRAINAGE AREA 502 km ²								
	TOTAL NUMBER OF SAMPLES 1								
	REMARK(S) - NATURAL FLOW								
10VC012	UNNAMED RIVER NEAR CAPE CELL	M-MS	1975						
	LATITUDE 76 35 00 N LONGITUDE 94 50 00 W DRAINAGE AREA 94.3 km ²								
	REMARK(S) - NATURAL FLOW								
10VC007	UNNAMED RIVER NEAR SCHOMBERG POINT	M-MS	1975						
	LATITUDE 76 34 00 N LONGITUDE 102 28 00 W DRAINAGE AREA 97.9 km ²								
	REMARK(S) - NATURAL FLOW								
10TN003	WEST CRESWELL RIVER ABOVE CRESWELL BAY	M-MS	1975						
	LATITUDE 73 02 00 N LONGITUDE 94 13 00 W DRAINAGE AREA 505 km ²								
	REMARK(S) - NATURAL FLOW								
10GB001	WILLOWLAKE RIVER NEAR THE MOUTH	M-S M-MS	1973 1974	1973		1973 1974	1974		1973
	LATITUDE 62 39 02 N LONGITUDE 122 54 00 W DRAINAGE AREA 20 600 km ²								
	TOTAL NUMBER OF SAMPLES 15					13	1		1
	REMARK(S) - NATURAL FLOW								

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MS - MISCELLANEOUS OPERATION
S - SEASONAL OPERATION

V - VOLUMETRIC MEASUREMENT
SEE INTRODUCTION FOR CONTRIBUTING AGENCIES

NOVA SCOTIA

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STATION NO	NAME	TYPE OF OPERATION	CONC DATA	SUSPENDED SEDIMENT			BED LOAD		BED MATERIAL PARTICLE SIZE
				LOADS	DISS SOLIDS	WATER TEMP	PARTICLE SIZE POINT	DEPTH	
O1DC005	ANNAPOLIS RIVER AT WILMOT	M-S	1967	1967	1967				
	LATITUDE 44 56 59 N	M-C	1968-76	1968-76	1968-76				
	LONGITUDE 85 01 47 W	M-C	1977-83	1977-83	1977-83		1974		1973
	DRAINAGE AREA 546 km ²	M-C	1984-86	1984-86	1984				1977-78
	TOTAL NUMBER OF SAMPLES		1971	771	1646		1		3
REMARK(S) - REGULATED									
O1FBO05	APRIL BROOK AT GILLISDALE	M-S	1968	1968	1968				
	LATITUDE 46 13 53 N	M-C	1969-73	1969-73	1969-73		1971-72	1968 V	1968
	LONGITUDE 81 08 30 W	M-C	1974-77	1974-77	1974-77		1974-76	1969-73V	1969-70
	DRAINAGE AREA 6 22 km ²	M-S	1978	1978	1978		1978	1974-77V	1978
	TOTAL NUMBER OF SAMPLES		1239	929	1193		14	10	8
REMARK(S) - NATURAL FLOW									
O1DH003	FRASER BROOK NEAR ARCHIBALD	M-S	1966	1966	1966				
	LATITUDE 46 20 38 N	M-C	1967-75	1967-75	1967-75			1967-73V	1967-70
	LONGITUDE 83 10 05 W								
	DRAINAGE AREA 9 07 km ²								
	TOTAL NUMBER OF SAMPLES		575	425	561		7		8
REMARK(S) - NATURAL FLOW									
O1DL001	KELLEY RIVER (MILL CREEK) AT EIGHT MILE FORD	P-C	1971-72	1971-72	1971-72				
	LATITUDE 45 38 10 N	P-S	1973	1973	1973				1973
	LONGITUDE 84 27 05 W	M-S	1974	1974	1974				1974
	DRAINAGE AREA 63 2 km ²	M-C	1975-82	1975-82	1975-78				
	TOTAL NUMBER OF SAMPLES	D-C	1983-85	1983-85	1984				
REMARK(S) - NATURAL FLOW									
O1DP004	MIDDLE RIVER OF PICTOU AT ROCKLIN	M-S	1968	1968	1968				
	LATITUDE 45 29 50 N	M-C	1970-72	1970-72	1970-72				1970-71
	LONGITUDE 82 46 51 W	M-S	1973-80	1973-80	1973-77				1973
	DRAINAGE AREA 82 2 km ²	M-C	1981-83	1981-83	1984				
	TOTAL NUMBER OF SAMPLES		663	304	618				3
REMARK(S) - NATURAL FLOW									
O1DH004	NORTH RIVER AT NORTH RIVER	M-MS	1973	1973	1973				
	LATITUDE 45 28 30 N								
	LONGITUDE 83 15 20 W								
	DRAINAGE AREA 202 km ²								
	TOTAL NUMBER OF SAMPLES		4	4	4				
REMARK(S) - NATURAL FLOW									
O1DC016	PEMBROKE RIVER AT GLENBERVIE	M-C	1978-83	1978-83	1978				
	LATITUDE 45 18 54 N	M-C	1984-86	1984-86	1984				1978
	LONGITUDE 82 56 28 W								
	DRAINAGE AREA 73 3 km ²								
	TOTAL NUMBER OF SAMPLES		736	38	728				1
REMARK(S) - NATURAL FLOW									
O1DH002	SALMON RIVER AT MURRAY	M-S	1967	1967	1967				
	LATITUDE 45 22 09 N	M-C	1968-72	1968-72	1968-72		1972		
	LONGITUDE 83 12 55 W								
	DRAINAGE AREA 382 km ²								
	TOTAL NUMBER OF SAMPLES		356	293	349		4		
REMARK(S) - NATURAL FLOW									
O1FJ001	SALMON RIVER AT SALMON RIVER BRIDGE	M-MS	1976	1976	1976				
	LATITUDE 45 58 03 N	M-S	1977	1977	1977				
	LONGITUDE 80 18 10 W								
	DRAINAGE AREA 189 km ²								
	TOTAL NUMBER OF SAMPLES		52	35	24				
REMARK(S) - NATURAL FLOW									

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V - VOLUMETRIC MEASUREMENT

SEE INTRODUCTION FOR CONTRIBUTING AGENCIES

STATION NO.	NAME	TYPE OF OPERATION	CONC DATA	SUSPENDED SEDIMENT				BED LOAD		BED MATERIAL PARTICLE SIZE
				LOADS	DISS. SOLIDS	WATER TEMP	PARTICLE SIZE POINT	VOLUME OR LOADS	PARTICLE SIZE	
01DD004	SHARPE BROOK AT LLOYDS	M-S	1968	1968	1968	1968				
	LATITUDE 46 01 30 N	M-C	1969-72	1969-72	1969-72	1969-72		1969-72V		1969-70
	LONGITUDE 64 38 14 W	M-C	1973-74	1973-74	1973-74	1973-74		1973 V		1973
	DRAINAGE AREA 8.81 km ²									
	TOTAL NUMBER OF SAMPLES		778		772	716		5		3
	REMARK(S) - NATURAL FLOW									

P - PUMP SAMPLING

M - MANUAL SAMPLING

D - DUAL PUMP AND MANUAL SAMPLING

C - CONTINUOUS OPERATION

MS - MISCELLANEOUS OPERATION

S - SEASONAL OPERATION

V - VOLUMETRIC MEASUREMENT

SEE INTRODUCTION FOR CONTRIBUTING AGENCIES

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STATION NO.	NAME	TYPE OF OPERATION	CONC. DATA	LOADS	SUSPENDED SEDIMENT		WATER TEMP.	PARTICLE SIZE		BED LOAD		BED MATERIAL PARTICLE SIZE
					DISS. SOLIDS			POINT	DEPTH	VOLUME OR LOADS	PARTICLE SIZE	
04ME003	ABITIBI RIVER AT ONAKAWANA	M-MS M-MS M-MS	1976 1983 1986		1986		1986					
	LATITUDE 50 38 00 N LONGITUDE 81 28 00 W DRAINAGE AREA 27 500 km ²											
	TOTAL NUMBER OF SAMPLES		6		2		1					
	REMARK(S) - REGULATED											
04CD001	ALBANY RIVER ABOVE NOYTIK ISLAND	M-MS	1983									
	LATITUDE 51 38 30 N LONGITUDE 86 23 50 W DRAINAGE AREA 32 400 km ²											
	TOTAL NUMBER OF SAMPLES		2									
	REMARK(S) - REGULATED											
04HA001	ALBANY RIVER NEAR HAY ISLAND	M-MS M-MS M-MS M-MS M-MS	1975-76 1980-81 1982-83 1985 1987		1975-77		1980 1982-83 1985 1987					
	LATITUDE 51 19 30 N LONGITUDE 83 52 20 W DRAINAGE AREA 118 000 km ²											
	TOTAL NUMBER OF SAMPLES		21		12		7					
	REMARK(S) - REGULATED SINCE 1934											
04DB001	ASHWEGIC RIVER AT STRAIGHT LAKE	M-MS	1983									
	LATITUDE 53 43 00 N LONGITUDE 87 55 40 W DRAINAGE AREA 7 950 km ²											
	TOTAL NUMBER OF SAMPLES		2									
	REMARK(S) - NATURAL FLOW											
04FC001	ATTAWAPISKAT RIVER BELOW MUKETI RIVER	M-MS M-MS M-MS M-MS	1975-77 1980-81 1982-83 1985-86		1975-77		1980 1982-83 1985-86					
	LATITUDE 53 05 30 N LONGITUDE 85 00 30 W DRAINAGE AREA 38 000 km ²											
	TOTAL NUMBER OF SAMPLES		19		8		5					
	REMARK(S) - NATURAL FLOW											
02FF002	AUSABLE RIVER NEAR SPRINGBANK	M-C M-C M-C	1970-72 1973-76 1977-86	1970-72 1973-76 1977-86	1970-72 1973-76 1977-86	1970-72 1973-76 1977-86	1970 1973-76 1977-86					1973 1977-80
	LATITUDE 43 04 20 N LONGITUDE 81 39 35 W DRAINAGE AREA 265 km ²											
	TOTAL NUMBER OF SAMPLES		1838		865		1368		75			5
	REMARK(S) - NATURAL FLOW											
02CE002	AUX SABLES RIVER AT MASSEY	M-MS	1987		1987		1987					
	LATITUDE 46 12 54 N LONGITUDE 82 04 14 W DRAINAGE AREA 1 350 km ²											
	TOTAL NUMBER OF SAMPLES		1		1		1					
	REMARK(S) - REGULATED											
02ED004	BAILEY CREEK NEAR SEETON	M-MS	1970		1970		1970					
	LATITUDE 44 07 08 N LONGITUDE 79 46 43 W DRAINAGE AREA 207 km ²											
	REMARK(S) - REGULATED											
												DATA CONTRIBUTED BY 485
02FF007	BAYFIELD RIVER NEAR VARNA	M-MS	1985-86		1985-86		1985-86					
	LATITUDE 43 33 03 N LONGITUDE 81 35 22 W DRAINAGE AREA 486 km ²											
	TOTAL NUMBER OF SAMPLES		18		12		16					
	REMARK(S) - NATURAL FLOW											
02LB008	BEAR BROOK NEAR SOURGET	M-MS	1978		1978		1978					
	LATITUDE 45 25 35 N LONGITUDE 75 08 12 W DRAINAGE AREA 440 km ²											
	TOTAL NUMBER OF SAMPLES		1		1							
	REMARK(S) - NATURAL FLOW											

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STATION NO.	NAME	TYPE OF OPERATION	CONC. DATA	SUSPENDED SEDIMENT			BED LOAD		BED MATERIAL PARTICLE SIZE
				LOADS	DISS. SOLIDS	WATER TEMP.	PARTICLE SIZE POINT DEPTH	VOLUME OR LOADS	
02GC008	BEAR CREEK BELOW BRITCHER	M-MS	1986		1986	1986			
	LATITUDE 42 48 42 N								
	LONGITUDE 82 17 54 W								
	DRAINAGE AREA 833 km ²								
	TOTAL NUMBER OF SAMPLES		9	9	9				
	REMARK(S) - NATURAL FLOW								
02GC007	BIG CREEK NEAR WALSHINGHAM	M-S	1966	1966	1966		1966		
	LATITUDE 42 41 05 N	M-C	1967-69	1967-69	1967-69		1967-69		
	LONGITUDE 80 32 15 W	D-C	1970	1970	1970				1970
	DRAINAGE AREA 691 km ²	M-C	1971-72	1971-72	1971-72		1971		1971
		M-C	1973-76	1973-76	1973-76		1973-74		1974-75
		M-C	1977-79	1977-79	1977-79		1977-78		1978-79
		M-C	1980-84	1980-84	1980-84		1980-83		1980
		M-C	1985-86	1985-86	1985-86		1985-86		
	TOTAL NUMBER OF SAMPLES		2711	1595	2494		61		7
	REMARK(S) - REGULATED								
02GC026	BIG OTTER CREEK NEAR CALTON	M-S	1975	1975	1975				
	LATITUDE 42 42 30 N	M-C	1976-85	1976-85	1976-85		1976-85		1976-80
	LONGITUDE 80 50 20 W								
	DRAINAGE AREA 676 km ²								
	TOTAL NUMBER OF SAMPLES		1990	1288	1915		319		55
	REMARK(S) - REGULATED								
02GC004	BIG OTTER CREEK NEAR VIENNA	M-S	1966	1966	1966		1966		
	LATITUDE 42 41 08 N	M-C	1967-70	1967-70	1967-70		1967-70		1967
	LONGITUDE 80 47 48 W	M-C	1971-73	1971-73	1971-73		1971-73		1971
	DRAINAGE AREA 697 km ²		1974-75	1974-75	1974-75		1974-75		1974-75
	TOTAL NUMBER OF SAMPLES		1999	1729	1968		399		40
	REMARK(S) - REGULATED								
02BS002	BLACK RIVER NEAR MARATHON	M-MS	1985-86	1985-86	1985-86				
	LATITUDE 48 41 20 N								
	LONGITUDE 86 12 45 W								
	DRAINAGE AREA 1 920 km ²								
	TOTAL NUMBER OF SAMPLES		5	5	5				
	REMARK(S) - NATURAL FLOW								
02HC044	BROUGHAM CREEK AT BROUGHAM	M-C	1975	1975	1975		1975		1974
	LATITUDE 43 54 57 N	M-S	1976	1976	1976				
	LONGITUDE 79 06 23 W								
	DRAINAGE AREA 3.63 km ²								
	TOTAL NUMBER OF SAMPLES		84	88	83		2		1
	REMARK(S) - NATURAL FLOW								
02GA023	CANAGAGICUE CREEK NEAR ELMIRA	M-S	1967	1967	1967		1967		
	LATITUDE 43 34 45 N	M-C	1968-73	1968-73	1968-73		1968-73		1968-69
	LONGITUDE 80 30 30 W								
	DRAINAGE AREA 118 km ²								
	TOTAL NUMBER OF SAMPLES		462	462	455		22		2
	REMARK(S) - REGULATED SINCE 1975								
02GA035	CANAGAGICUE CREEK NEAR FLORADALE	M-C	1974-78	1974-78	1974-78		1974-77		1974-78
	LATITUDE 43 40 12 N	M-C	1979-82	1979-82	1979-82		1979-81		1979-80
	LONGITUDE 80 35 48 W	M-C	1983-88	1983-84	1983-84		1983		
	DRAINAGE AREA 17.9 km ²								
	TOTAL NUMBER OF SAMPLES		532	238	386		32		7
	REMARK(S) - NATURAL FLOW								
04GA002	CAT RIVER BELOW WESLEYAN LAKE	M-MS	1983						
	LATITUDE 51 10 00 N								
	LONGITUDE 81 35 50 W								
	DRAINAGE AREA 5 390 km ²								
	TOTAL NUMBER OF SAMPLES		2						
	REMARK(S) - NATURAL FLOW								

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STATION NO.	NAME	TYPE OF OPERATION	CONC. DATA	LOADS	SUSPENDED SEDIMENT		PARTICLE SIZE POINT	PARTICLE SIZE DEPTH	BED LOAD		BED MATERIAL PARTICLE SIZE
					DISS. SOLIDS	WATER TEMP.			VOLUME OR LOADS	PARTICLE SIZE	
02GC018	CATFISH CREEK NEAR SPARTA	M-MS	1985-86		1985-86	1985-86					
	LATITUDE 42 44 48 N LONGITUDE 81 03 29 W DRAINAGE AREA 287 km ²										
	TOTAL NUMBER OF SAMPLES		18		15	16					
	REMARK(S) - NATURAL FLOW										
02GA039	CONESTOGO RIVER ABOVE DRAYTON	M-MS	1985-86		1985-86	1985-86					
	LATITUDE 43 46 58 N LONGITUDE 80 38 20 W DRAINAGE AREA 272 km ²										
	TOTAL NUMBER OF SAMPLES		8		6	8					
	REMARK(S) - REGULATED SINCE 1982										
02HB002	CREDIT RIVER AT ERINDALE	D-S D-C M-C M-C M-S M-C	1973 1974 1975-79 1980-83 1984-85 1986	1973 1974 1975-79 1980-83 1984-85 1986	1973 1974 1975-79 1980-83 1984-85 1986	1973 1974 1975-79 1980-83 1984-85 1986		1974 1975-79 1980-83 1984		1974 1975-79 1980	
	LATITUDE 43 32 34 N LONGITUDE 79 39 25 W DRAINAGE AREA 795 km ²										
	TOTAL NUMBER OF SAMPLES		2021		889	1781		43			4
	REMARK(S) - REGULATED										
02HC024	DON RIVER AT TOSMORDEN	D-S	1985-86	1985-86	1985-86	1985-86		1986			1986
	LATITUDE 43 41 50 N LONGITUDE 79 21 15 W DRAINAGE AREA 316 km ²										
	TOTAL NUMBER OF SAMPLES		156		36	18		1			7
	REMARK(S) - REGULATED SINCE 1973										
02GA035	EAST CANAGAGISQUE CREEK NEAR FLORADALE	M-C M-C M-C	1974-78 1977-79 1980-84	1974-78 1977-79 1980-84	1974-78 1977-79 1980-84	1974-78 1977-79 1980-84		1976 1977 1980-83		1974-78 1977-79 1980	
	LATITUDE 43 39 04 N LONGITUDE 80 34 20 W DRAINAGE AREA 27.7 km ²										
	TOTAL NUMBER OF SAMPLES		780		338	747		20			9
	REMARK(S) - NATURAL FLOW										
04EA001	SEKWAN RIVER BELOW NORTH WASHAGAMI RIVER	M-MS	1983								
	LATITUDE 53 48 30 N LONGITUDE 84 55 20 W DRAINAGE AREA 10 400 km ²										
	TOTAL NUMBER OF SAMPLES		2								
	REMARK(S) - NATURAL FLOW										
02HC030	ETOBICOKE CREEK BELOW QUEEN ELIZABETH HIGHWAY	M-MS	1985-86		1985-86	1985-86		1986			
	LATITUDE 43 36 02 N LONGITUDE 79 33 24 W DRAINAGE AREA 204 km ²										
	TOTAL NUMBER OF SAMPLES		29		25	8		1			
	REMARK(S) - NATURAL FLOW										
02GB007	FAIRCHILD CREEK NEAR BRANTFORD	M-MS	1985-86		1985-86	1985-86					
	LATITUDE 43 08 49 N LONGITUDE 80 09 18 W DRAINAGE AREA 380 km ²										
	TOTAL NUMBER OF SAMPLES		10		10	9					
	REMARK(S) - NATURAL FLOW										
02HD014	FAREWELL CREEK AT OSHAWA	M-S M-C M-S	1980 1981 1982-85	1980 1981 1982-85	1980 1981 1982-85	1980 1981 1982-85		1980 1981 1982-84		1980 1981 1983-84	
	LATITUDE 43 53 18 N LONGITUDE 78 49 16 W DRAINAGE AREA 58.5 km ²										
	TOTAL NUMBER OF SAMPLES		421		123	288		82			8
	REMARK(S) - NATURAL FLOW										

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				LOADS	DISS. SOLIDS	WATER TEMP.	PARTICLE SIZE POINT	VOLUME OR LOADS	PARTICLE SIZE
04CE002	FAWN RIVER BELOW BIG TROUT LAKE	M-MS	1983						
	LATITUDE 53 48 00 N								
	LONGITUDE 88 33 00 W								
	DRAINAGE AREA 4 350 km ²								
	TOTAL NUMBER OF SAMPLES		2						
	REMARK(S) - NATURAL FLOW								
02H0012	GANARASKA RIVER ABOVE DALE	M-MS	1985-86		1985-86	1985-86			
	LATITUDE 43 59 26 N								
	LONGITUDE 78 19 43 W								
	DRAINAGE AREA 232 km ²								
	TOTAL NUMBER OF SAMPLES		16		15	11			
	REMARK(S) - NATURAL FLOW								
02BF002	COULAIS RIVER NEAR SEARCHMONT	M-MS	1986		1986	1986			
	LATITUDE 46 51 37 N								
	LONGITUDE 83 58 18 W								
	DRAINAGE AREA 1 180 km ²								
	TOTAL NUMBER OF SAMPLES		2		2	2			
	REMARK(S) - NATURAL FLOW								
02CB001	GRAND RIVER AT BRANTFORD	M-MS	1976						
	LATITUDE 43 07 58 N	M-MS	1985-86		1985-86	1985-86			
	LONGITUDE 80 16 01 W								
	DRAINAGE AREA 5 210 km ²								
	TOTAL NUMBER OF SAMPLES		10		7	6			
	REMARK(S) - REGULATED SINCE 1942								
02GA003	GRAND RIVER AT GALT	M-MS	1976						
	LATITUDE 43 21 10 N								
	LONGITUDE 80 19 01 W								
	DRAINAGE AREA 3 820 km ²								
	TOTAL NUMBER OF SAMPLES		1						
	REMARK(S) - REGULATED								
02AE001	GRAVEL RIVER NEAR CAYERS	M-MS	1985-86		1985-86	1985-86			
	LATITUDE 48 55 34 N								
	LONGITUDE 87 41 27 W								
	DRAINAGE AREA 616 km ²								
	TOTAL NUMBER OF SAMPLES		6		5	5			
	REMARK(S) - NATURAL FLOW								
04KA002	HALFWAY CREEK AT MOOSEHORN	M-S	1978	1978	1978	1978			1980
	LATITUDE 51 16 18 N	M-C	1979-83	1979-83	1979-83	1979-83			
	LONGITUDE 80 39 14 W								
	DRAINAGE AREA 133 km ²								
	TOTAL NUMBER OF SAMPLES		183		47	70			1
	REMARK(S) - NATURAL FLOW								
02HD013	HARMONY CREEK AT OSHAWA	M-S	1986	1986	1986	1986			1980
	LATITUDE 43 53 19 N	M-C	1981	1981	1981	1981			1981
	LONGITUDE 78 49 30 W	M-S	1982	1982	1982	1982			1982
	DRAINAGE AREA 41.8 km ²	M-C	1983	1983	1983	1983			1983
		M-S	1984-85	1984-85	1984-85	1984-85			1984
	TOTAL NUMBER OF SAMPLES		420		124	277		18	16
	REMARK(S) - NATURAL FLOW								8
02HC013	HIGHLAND CREEK NEAR WEST HILL	M-MS	1985-86		1985-86	1985-86			
	LATITUDE 43 46 45 N								
	LONGITUDE 79 10 26 W								
	DRAINAGE AREA 89.1 km ²								
	TOTAL NUMBER OF SAMPLES		25		22	10			
	REMARK(S) - NATURAL FLOW								
02HC025	HUMBER RIVER AT ELDER MILLS	M-S	1986		1986	1986			
	LATITUDE 43 48 39 N	M-C	1967-73	1967-73	1967-73	1967-73			1966-69
	LONGITUDE 78 37 38 W	M-C	1974-78	1974-78	1974-78	1974-78			1974-75
	DRAINAGE AREA 303 km ²	M-C	1979-81	1979-81	1979-81	1979-81			1979-80
		M-C	1982-85	1982-85	1982-85	1982-85			1982-84
		M-C	1986	1986	1986	1986			1986
	TOTAL NUMBER OF SAMPLES		3301		2448	3190		207	6
	REMARK(S) - NATURAL FLOW								

P - PUMP SAMPLING
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MS - MISCELLANEOUS OPERATION
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V - VOLUMETRIC MEASUREMENT

SEE INTRODUCTION FOR CONTRIBUTING AGENCIES

STATION NO.	NAME	TYPE OF OPERATION	CONC. DATA	LOADS	SUSPENDED SEDIMENT			BED LOAD		BED MATERIAL PARTICLE SIZE
					DISS. SOLIDS	WATER TEMP.	PARTICLE SIZE POINT	VOLUME OR LOADS	PARTICLE SIZE	
02HC003	NUMBER RIVER AT WESTON	M-S	1965	1965	1965	1965	1965			
	LATITUDE 43 41 54 N	M-C	1966	1966	1966	1966				
	LONGITUDE 79 31 19 W	M-S	1967	1967	1967	1967				
	DRAINAGE AREA 800 km ²	M-C	1968-73	1968-73	1968-73	1968-73				
			1974-76	1974-76	1974-76	1974-76				
	TOTAL NUMBER OF SAMPLES		884		815	859	19	105		
	REMARK(S) - REGULATED									3
02LA006	KEMPTVILLE CREEK NEAR KEMPTVILLE	M-MS	1966		1966	1966				
	LATITUDE 44 59 38 N									
	LONGITUDE 75 39 46 W									
	DRAINAGE AREA 409 km ²									
	TOTAL NUMBER OF SAMPLES		9		5	8				
	REMARK(S) - REGULATED SINCE 1951									
04JC001	KENDAMI RIVER NEAR HAMMAMATTAWA	M-MS	1963							
	LATITUDE 50 25 20 N									
	LONGITUDE 84 23 15 W									
	DRAINAGE AREA 26 200 km ²									
	TOTAL NUMBER OF SAMPLES		3							
	REMARK(S) - REGULATED SINCE 1939									
02SC002	KETTLE CREEK AT ST. THOMAS	M-MS	1965-66		1965-66	1965-66				
	LATITUDE 42 45 40 N									
	LONGITUDE 81 12 52 W									
	DRAINAGE AREA 329 km ²									
	TOTAL NUMBER OF SAMPLES		17		16	17				
	REMARK(S) - NATURAL FLOW									
04KA001	KWATARONAN RIVER NEAR THE MOUTH	M-MS	1963							
	LATITUDE 51 09 00 N									
	LONGITUDE 80 52 00 W									
	DRAINAGE AREA 4 250 km ²									
	TOTAL NUMBER OF SAMPLES		3							
	REMARK(S) - NATURAL FLOW									
04JP001	LITTLE CURRENT RIVER AT PERCY LAKE	M-MS	1963							
	LATITUDE 50 39 30 N									
	LONGITUDE 88 31 55 W									
	DRAINAGE AREA 5 360 km ²									
	TOTAL NUMBER OF SAMPLES		3							
	REMARK(S) - NATURAL FLOW									
02SC015	LITTLE OTTER CREEK NEAR STRAFFORDVILLE	M-MS	1965-66		1965-66	1965-66				
	LATITUDE 42 45 23 N									
	LONGITUDE 80 44 25 W									
	DRAINAGE AREA 104 km ²									
	TOTAL NUMBER OF SAMPLES		23		20	21				
	REMARK(S) - REGULATED									
02FD002	LUCKNOW RIVER AT LUCKNOW	M-MS	1961		1961	1961				
	LATITUDE 43 57 44 N	M-C	1962-63	1962-63	1962-63	1962-63				1961
	LONGITUDE 81 30 55 W	M-S	1964	1964	1964	1964				1963
	DRAINAGE AREA 64.9 km ²									
	TOTAL NUMBER OF SAMPLES		201		24	120				2
	REMARK(S) - NATURAL FLOW									
02MC018	LYNDE CREEK NEAR WHITBY	M-MS	1966		1966	1966				
	LATITUDE 43 52 32 N									
	LONGITUDE 76 57 43 W									
	DRAINAGE AREA 106 km ²									
	TOTAL NUMBER OF SAMPLES		3		2	3				
	REMARK(S) - NATURAL FLOW									

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STATION NO	NAME	TYPE OF OPERATION	CONC DATA	SUSPENDED SEDIMENT			BED LOAD		BED MATERIAL PARTICLE SIZE
				LOADS	DISS. SOLIDS	WATER TEMP.	PARTICLE SIZE POINT DEPTH	VOLUME OR LOADS	
02FEC04	MAITLAND RIVER NEAR DOWNYBROOK	M-C	1970-74	1970-74	1970-74	1970-74	1974		
	LATITUDE 43 49 30 N								
	LONGITUDE 81 29 26 W								
	DRAINAGE AREA 1 760 km ²								
	TOTAL NUMBER OF SAMPLES		412		411	407	3		
	REMARK(S) - REGULATED								
02CE007	MCGREGOR CREEK NEAR CHATHAM	M-MS	1985		1985	1985			
	LATITUDE 42 23 00 N	M-S	1985	1985	1985	1985	1985		
	LONGITUDE 82 05 39 W								
	DRAINAGE AREA 202 km ²								
	TOTAL NUMBER OF SAMPLES		80		27	14	2		
	REMARK(S) - NATURAL FLOW								
02HC045	MICHELL CREEK BELOW CLAREMONT	M-S	1974	1974	1974	1974			
	LATITUDE 43 57 40 N	M-C	1975	1975	1975	1975	1975		1974
	LONGITUDE 78 07 41 W	M-S	1976	1976	1976	1976			
	DRAINAGE AREA 25.9 km ²								
	TOTAL NUMBER OF SAMPLES		223		217	204	2		1
	REMARK(S) - NATURAL FLOW								
02KF006	MISSISSIPPI RIVER AT APPLETON	M-MS	1985		1985	1985			
	LATITUDE 45 10 36 N								
	LONGITUDE 76 07 27 W								
	DRAINAGE AREA 2 900 km ²								
	TOTAL NUMBER OF SAMPLES		5		5	5			
	REMARK(S) - REGULATED								
02HL001	MDIRA RIVER NEAR FOXBORO	M-MS	1985		1985	1985			
	LATITUDE 44 15 14 N								
	LONGITUDE 77 25 10 W								
	DRAINAGE AREA 2 620 km ²								
	TOTAL NUMBER OF SAMPLES		11		11	5			
	REMARK(S) - REGULATED								
04LC004	MOOSE RIVER ABOVE MOOSE RIVER	M-MS	1983-85		1984-85	1983-85			
	LATITUDE 50 44 38 N								
	LONGITUDE 81 27 30 W								
	DRAINAGE AREA 80 100 km ²								
	TOTAL NUMBER OF SAMPLES		7		8	5			
	REMARK(S) - REGULATED								
04LC002	MOOSE RIVER AT MOOSE RIVER	M-MS	1975-78		1975	1976			
	LATITUDE 50 48 50 N	M-MS	1977-80		1977	1978-79			
	LONGITUDE 81 17 40 W	M-MS	1981			1981			
	DRAINAGE AREA 80 100 km ²								
	TOTAL NUMBER OF SAMPLES		17		3	7			
	REMARK(S) - REGULATED								
02GC022	NANTICOKE CREEK AT NANTICOKE	M-MS	1984-85		1984-85	1984-85			
	LATITUDE 42 48 34 N								
	LONGITUDE 80 04 36 W								
	DRAINAGE AREA 181 km ²								
	TOTAL NUMBER OF SAMPLES		21		19	15			
	REMARK(S) - REGULATED								
02NM007	WAPANE RIVER AT CAMDEN EAST	M-MS	1985-85		1985-85	1985-85			
	LATITUDE 44 20 03 N								
	LONGITUDE 75 50 15 W								
	DRAINAGE AREA 894 km ²								
	TOTAL NUMBER OF SAMPLES		15		13	15			
	REMARK(S) - REGULATED								
02GAD10	WYTH RIVER NEAR CANNING	M-MS	1975				1975		
	LATITUDE 43 11 26 N	M-MS	1985-85		1985-85	1985-85			
	LONGITUDE 80 27 17 W								
	DRAINAGE AREA 1 030 km ²								
	TOTAL NUMBER OF SAMPLES		14		10	12	2		
	REMARK(S) - NATURAL FLOW								

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STATION NO.	NAME	TYPE OF OPERATION	CONC. DATA	SUSPENDED SEDIMENT			BED LOAD		BED MATERIAL PARTICLE SIZE
				LOADS	DISS. SOLIDS	WATER TEMP.	PARTICLE SIZE POINT	PARTICLE SIZE DEPTH	
04MFO01	NORTH FRENCH RIVER NEAR THE MOUTH	M-MS	1983						
	LATITUDE 51 05 00 N								
	LONGITUDE 80 46 00 W								
	DRAINAGE AREA 5 680 km ²								
	TOTAL NUMBER OF SAMPLES		3						
	REMARK(S) - NATURAL FLOW								
02EA010	NORTH MAGNETAWAN RIVER ABOVE PICKEREL LAKE	M-S M-C	1978 1979-82	1978 1979-82	1978 1979-82	1978 1979-82			1980
	LATITUDE 45 42 12 N								
	LONGITUDE 79 18 33 W								
	DRAINAGE AREA 149 km ²								
	TOTAL NUMBER OF SAMPLES		288		96	287			1
	REMARK(S) - NATURAL FLOW								
02CDO15	NORTH THAMES RIVER NEAR THORNDAL	M-MS	1985-86		1985-86	1985-86			
	LATITUDE 43 08 57 N								
	LONGITUDE 81 11 30 W								
	DRAINAGE AREA 1 340 km ²								
	TOTAL NUMBER OF SAMPLES		18		15	14			
	REMARK(S) - REGULATED								
02ED003	NOTTAWASAGA RIVER NEAR BAXTER	M-MS M-MS M-C M-S	1970 1980 1983-85 1986		1970 1980 1983-85 1986	1970 1980 1983-85 1986		1983	1983
	LATITUDE 44 14 59 N								
	LONGITUDE 79 49 20 W								
	DRAINAGE AREA 1 180 km ²								
	TOTAL NUMBER OF SAMPLES		339		85	245		1	1
	REMARK(S) - NATURAL FLOW								
02CA032	O.A.C. FARM GAUGE NO. 5 AT GUELPH	M-S M-C M-S M-C M-C	1969 1970-74 1975-76 1977-82 1983-84	1969 1970-74 1975-76 1977-82 1983-84	1969 1970-74 1975-76 1977-82 1983-84	1969 1970-74 1975-76 1977-82 1983-84		1969 1970-74 1975-76 1977-81 1983	1974 1975-76 1977-80
	LATITUDE 43 31 53 N								
	LONGITUDE 80 18 18 W								
	DRAINAGE AREA 2.51 km ²								
	TOTAL NUMBER OF SAMPLES		1435		721	1388		88	9
	REMARK(S) - NATURAL FLOW								
04CB004	OGDKI RIVER ABOVE WHITECLAY LAKE	M-MS	1983						
	LATITUDE 50 52 00 N								
	LONGITUDE 88 55 50 W								
	DRAINAGE AREA 11 200 km ²								
	TOTAL NUMBER OF SAMPLES		2						
	REMARK(S) - NATURAL FLOW								
02KF005	OTTAWA RIVER AT BRITANNIA	P-S	1971-76	1971-76	1971-76	1971-72			
	LATITUDE 45 21 54 N								
	LONGITUDE 75 48 18 W								
	DRAINAGE AREA 90 900 km ²								
	TOTAL NUMBER OF SAMPLES		346		297	2			
	REMARK(S) - REGULATED								
02LB010	OTTAWA RIVER AT CUMBERLAND	P-S	1977-79		1977-79				
	LATITUDE 45 31 17 N								
	LONGITUDE 75 24 45 W								
	DRAINAGE AREA km ²								
	TOTAL NUMBER OF SAMPLES		101		38				
	REMARK(S) - REGULATED								
02FF008	PARKHILL CREEK ABOVE PARKHILL RESERVOIR	M-MS	1985-86		1985-86	1985-86			
	LATITUDE 43 09 49 N								
	LONGITUDE 81 37 54 W								
	DRAINAGE AREA 110 km ²								
	TOTAL NUMBER OF SAMPLES		15		15	15			
	REMARK(S) - NATURAL FLOW								

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STATION NO.	NAME	TYPE OF OPERATION	CONC. DATA	LOADS	SUSPENDED SEDIMENT			BED LOAD		BED MATERIAL PARTICLE SIZE
					DISS. SOLIDS	WATER TEMP.	PARTICLE SIZE POINT DEPTH	VOLUME OR LOADS	PARTICLE SIZE	
02B003	PIC RIVER NEAR MARATHON	M-MS	1985-86		1985-86	1985-86	1985			
	LATITUDE 48 48 26 N LONGITUDE 86 17 49 W DRAINAGE AREA 4 270 km ²									
	TOTAL NUMBER OF SAMPLES		5		5	5	1			
	REMARK(S) - NATURAL FLOW									
02FJ001	PINE RIVER AT LURGAN	M-MS	1986		1986	1986				
	LATITUDE 44 05 40 N LONGITUDE 81 43 31 W DRAINAGE AREA 154 km ²									
	TOTAL NUMBER OF SAMPLES		7		7	7				
	REMARK(S) - NATURAL FLOW									
04FA003	PINEMUTA RIVER AT EYES LAKE	M-MS	1983							
	LATITUDE 52 18 30 N LONGITUDE 88 45 15 W DRAINAGE AREA 4 900 km ²									
	TOTAL NUMBER OF SAMPLES		3							
	REMARK(S) - NATURAL FLOW									
04DA001	PIPESTONE RIVER AT KARL LAKE	M-MS	1983							
	LATITUDE 52 34 50 N LONGITUDE 90 11 20 W DRAINAGE AREA 5 960 km ²									
	TOTAL NUMBER OF SAMPLES		3							
	REMARK(S) - NATURAL FLOW									
02MC001	RAISIN RIVER NEAR WILLIAMSTOWN	M-MS	1986		1986	1986				
	LATITUDE 45 08 19 N LONGITUDE 74 38 18 W DRAINAGE AREA 404 km ²									
	TOTAL NUMBER OF SAMPLES		6		6	6				
	REMARK(S) - NATURAL FLOW									
02HA014	REDHILL CREEK AT HAMILTON	M-MS	1985-86		1985-86	1985-86	1985			
	LATITUDE 43 13 56 N LONGITUDE 79 47 08 W DRAINAGE AREA 80.9 km ²									
	TOTAL NUMBER OF SAMPLES		13		12	12	1			
	REMARK(S) - NATURAL FLOW									
02HC039	REESOR CREEK ABOVE GREEN RIVER	M-S M-C M-S	1974 1975 1976	1974 1975 1976	1974 1975 1976	1974 1975 1976	1974 1975			1974
	LATITUDE 43 56 07 N LONGITUDE 79 12 03 W DRAINAGE AREA 38.3 km ²									
	TOTAL NUMBER OF SAMPLES		280		256	280	6			1
	REMARK(S) - REGULATED									
02HC040	REESOR CREEK NEAR ALTONA	M-S M-C M-S	1974 1975 1976	1974 1975 1976	1974 1975 1976	1974 1975 1976	1974 1975			1974
	LATITUDE 43 57 16 N LONGITUDE 79 12 28 W DRAINAGE AREA 15.0 km ²									
	TOTAL NUMBER OF SAMPLES		272		274	240	7			1
	REMARK(S) - NATURAL FLOW									
04CA003	ROSEBERRY RIVER ABOVE ROSEBERRY LAKES	M-MS M-MS	1978-80 1983-84		1984	1978-80 1983-84				
	LATITUDE 52 39 20 N LONGITUDE 92 32 15 W DRAINAGE AREA 619 km ²									
	TOTAL NUMBER OF SAMPLES		13		2	10				
	REMARK(S) - NATURAL FLOW									
02HC103	ROUGE RIVER AT SCARBOROUGH	M-MS	1976		1976	1976				
	LATITUDE 43 48 40 N LONGITUDE 79 09 35 W DRAINAGE AREA 215 km ²									
	TOTAL NUMBER OF SAMPLES		7		7	3				
	REMARK(S) - NATURAL FLOW									

- DATA CONTRIBUTED BY 485

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STATION NO.	NAME	TYPE OF OPERATION	CONC. DATA	SUSPENDED SEDIMENT			BED LOAD		BED MATERIAL PARTICLE SIZE
				LOADS	DISS. SOLIDS	WATER TEMP.	PARTICLE SIZE POINT	DEPTH	
02GN002	RUSCOM RIVER NEAR RUSCOM STATION	M-MS	1986		1986	1986			
	LATITUDE 42 13 54 N								
	LONGITUDE 82 37 00 W								
	DRAINAGE AREA 125 km ²								
	TOTAL NUMBER OF SAMPLES		6		6	6			
	REMARK(S) - NATURAL FLOW								
04CD002	SACHIGO RIVER BELOW OUTLET OF SACHIGO LAKE	M-MS	1983						
	LATITUDE 53 59 40 N								
	LONGITUDE 92 08 50 W								
	DRAINAGE AREA 4 270 km ²								
	TOTAL NUMBER OF SAMPLES		2						
	REMARK(S) - NATURAL FLOW								
02HM003	SALMON RIVER NEAR SHANNONVILLE	M-MS	1985-86		1985-86	1985-86			
	LATITUDE 44 12 28 N								
	LONGITUDE 77 12 35 W								
	DRAINAGE AREA 891 km ²								
	TOTAL NUMBER OF SAMPLES		11		11	7			
	REMARK(S) - REGULATED								
02FC001	SAUGEEN RIVER NEAR PORT ELGIN	M-S	1975	1975	1975	1975			1975
	LATITUDE 44 27 23 N	M-C	1975-77	1976-77	1976-77	1976-77			1977
	LONGITUDE 81 19 36 W	M-S	1978-79	1978-79	1978-79	1978-79			
	DRAINAGE AREA 3 960 km ²	M-MS	1980-82		1980	1980-82			
	TOTAL NUMBER OF SAMPLES		902		451	886		8	
	REMARK(S) - NATURAL FLOW								
04CC001	SEVERN RIVER AT LIMESTONE RAPIDS	M-MS	1975		1975				
	LATITUDE 55 22 30 N	M-MS	1978-80			1978-80			
	LONGITUDE 88 19 30 W	M-MS	1984-85			1984-85			
	DRAINAGE AREA 94 300 km ²								
	TOTAL NUMBER OF SAMPLES		13		7	6			
	REMARK(S) - NATURAL FLOW								
04CA002	SEVERN RIVER AT OUTLET OF MUSKRAT DAM LAKE	M-MS	1983						
	LATITUDE 53 29 27 N								
	LONGITUDE 81 30 55 W								
	DRAINAGE AREA 36 500 km ²								
	TOTAL NUMBER OF SAMPLES		1						
	REMARK(S) - NATURAL FLOW								
04CA004	SEVERN RIVER BELOW OUTLET OF DEER LAKE	M-MS	1983						
	LATITUDE 52 40 30 N								
	LONGITUDE 93 59 50 W								
	DRAINAGE AREA km ²								
	TOTAL NUMBER OF SAMPLES		2						
	REMARK(S) - NATURAL FLOW								
02FE009	SOUTH MAITLAND RIVER AT SUMMERHILL	M-S	1984	1984	1984	1984			1985
	LATITUDE 43 41 04 N	M-C	1985	1985	1985	1985			
	LONGITUDE 81 32 38 W	M-S	1986	1986	1986	1986			
	DRAINAGE AREA 376 km ²								
	TOTAL NUMBER OF SAMPLES		121		34	64			1
	REMARK(S) - NATURAL FLOW								
02LB013	SOUTH NATION RIVER AT CASSELMAN	M-S	1978-80	1978-80	1978-77	1978-80			
	LATITUDE 45 19 01 N	M-S	1981-82	1981-82	1981-82	1981-82			
	LONGITUDE 75 05 32 W								
	DRAINAGE AREA 2 410 km ²								
	TOTAL NUMBER OF SAMPLES		204		54	126			
	REMARK(S) - REGULATED								

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STATION NO.	NAME	TYPE OF OPERATION	CONC. DATA	SUSPENDED SEDIMENT			PARTICLE SIZE POINT	PARTICLE SIZE DEPTH	BED LOAD		BED MATERIAL PARTICLE SIZE
				LOADS	DISS. SOLIDS	WATER TEMP.			VOLUME OR LOADS	PARTICLE SIZE	
02LB009	SOUTH NATION RIVER AT CHESTERTON	M-MS	1978		1978	1978					
	LATITUDE 45 06 03 N LONGITUDE 75 13 38 W DRAINAGE AREA 1 050 km ²										
	TOTAL NUMBER OF SAMPLES		13		13						
	REMARK(S) - REGULATED										
02LB015	SOUTH NATION RIVER AT LEMIEUX	M-S	1972-74		1972-74	1972-74					
	LATITUDE 45 23 42 N LONGITUDE 75 03 56 W DRAINAGE AREA km ²	M-S M-S	1975-78 1977-82		1975-78 1977-82	1975-78 1977-82					
	TOTAL NUMBER OF SAMPLES		544		346	392		18			
	REMARK(S) - REGULATED										
02LB014	SOUTH NATION RIVER BELOW CASSELMAN	M-S M-MS	1972-74 1975		1972-74 1975	1972-73 1975					
	LATITUDE 45 09 18 N LONGITUDE 75 05 34 W DRAINAGE AREA km ²				1975-78						
	TOTAL NUMBER OF SAMPLES		302		331	137					
	REMARK(S) - REGULATED										
02LB005	SOUTH NATION RIVER NEAR PLANTAGENET SPRINGS	D-C	1972-74	1972-74	1972-74	1972-74		1972-73			
	LATITUDE 45 30 23 N LONGITUDE 74 57 20 W DRAINAGE AREA 3 810 km ²	D-S M-S M-C M-S	1975 1976-80 1982-83 1984-86	1975 1976-80 1982-83 1984-86	1975 1976-80 1982-83 1984-86	1975 1976-80 1982-83 1984-86		1980			1980
	TOTAL NUMBER OF SAMPLES		1181		713	807		5			1
	REMARK(S) - REGULATED										
02GA040	SPEED RIVER NEAR ARMSTRONG MILLS	M-MS	1986		1986	1986					
	LATITUDE 43 38 19 N LONGITUDE 80 16 12 W DRAINAGE AREA 167 km ²										
	TOTAL NUMBER OF SAMPLES		3		3	3					
	REMARK(S) - REGULATED SINCE 1976										
02HC035	STOUFFVILLE CREEK BELOW STOUFFVILLE	M-S M-C M-S	1974 1975 1976	1974 1975 1976	1974 1975 1976	1974 1975 1976		1974			1974
	LATITUDE 43 57 19 N LONGITUDE 79 13 57 W DRAINAGE AREA 15.3 km ²										
	TOTAL NUMBER OF SAMPLES		270		240	248		2			1
	REMARK(S) - REGULATED										
02GH001	STURGEON CREEK NEAR LEAMINGTON	M-S M-C	1971 1972-76	1971 1972-76	1971 1972-76	1971 1972-76		1971 1972-76			1971 1972
	LATITUDE 42 02 44 N LONGITUDE 82 34 28 W DRAINAGE AREA 14.2 km ²										
	TOTAL NUMBER OF SAMPLES		876		725	802		83			2
	REMARK(S) - NATURAL FLOW										
02GC003	SYDENHAM RIVER AT FLORENCE	M-MS M-S	1985 1986	1985 1986	1985 1986	1985 1986					
	LATITUDE 42 39 00 N LONGITUDE 82 00 32 W DRAINAGE AREA 1 180 km ²										
	TOTAL NUMBER OF SAMPLES		41		20	39					
	REMARK(S) - NATURAL FLOW										
02GD018	THAMES RIVER AT INGERSOLL	M-S M-C M-C M-C	1963 1964-67 1968-72 1973	1963 1964-67 1968-72 1973	1963 1964-67 1968-72 1973	1963 1964-67 1968-72 1973		1965-66 1968-69			1964-67 1968-71 1973
	LATITUDE 43 02 20 N LONGITUDE 80 53 08 W DRAINAGE AREA 518 km ²										
	TOTAL NUMBER OF SAMPLES		1011		1012	880		5			5
	REMARK(S) - REGULATED										

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STATION NO.	NAME	TYPE OF OPERATION	CONC. DATA	SUSPENDED SEDIMENT			BED LOAD		BED MATERIAL PARTICLE SIZE
				LOADS	DISS. SOLIDS	WATER TEMP.	PARTICLE SIZE POINT	VOLUME OR LOADS	PARTICLE SIZE
02GD021	THAMES RIVER AT INNERKIP	D-S D-C M-MS	1984 1985 1986	1984 1985	1984 1985 1986	1984 1985 1986			
	LATITUDE 43 12 58 N LONGITUDE 80 41 24 W DRAINAGE AREA 149 km ²								
	TOTAL NUMBER OF SAMPLES		220		30	108			
	REMARK(S) - REGULATED								
02GE003	THAMES RIVER AT THAMESVILLE	M-MS M-S M-C	1987 1973 1974-76	1973 1974-76	1987 1973 1974-76	1987 1973 1974-76			1987 1973 1974-76
	LATITUDE 42 32 42 N LONGITUDE 81 58 04 W DRAINAGE AREA 4 300 km ²						1975		
	TOTAL NUMBER OF SAMPLES		394		328	361	60	30	
	REMARK(S) - REGULATED SINCE 1953								
02DB005	WANAPITETI RIVER NEAR WANUP	M-MS	1987		1987	1987			
	LATITUDE 48 20 40 N LONGITUDE 80 50 24 W DRAINAGE AREA 3 130 km ²								
	TOTAL NUMBER OF SAMPLES		1		1	1			
	REMARK(S) - REGULATED								
02HC038	WEST DUFFINS CREEK ABOVE GREEN RIVER	M-S M-C M-S	1974 1975 1976	1974 1975 1976	1974 1975 1976	1974 1975 1976	1974 1975		1974
	LATITUDE 43 54 54 N LONGITUDE 79 10 47 W DRAINAGE AREA 52.0 km ²								
	TOTAL NUMBER OF SAMPLES		295		303	263	7		1
	REMARK(S) - REGULATED								
02HC026	WEST DUFFINS CREEK AT GREEN RIVER	M-S M-C M-S	1974 1975 1976	1974 1975 1976	1974 1975 1976	1974 1975 1976	1974		1974
	LATITUDE 43 54 08 N LONGITUDE 79 11 05 W DRAINAGE AREA 98.1 km ²								
	TOTAL NUMBER OF SAMPLES		284		272	255	4		1
	REMARK(S) - REGULATED								
02HC041	WEST DUFFINS CREEK NEAR ALTONA	M-S M-C M-S	1974 1975 1976	1974 1975 1976	1974 1975 1976	1974 1975 1976			1974
	LATITUDE 43 57 31 N LONGITUDE 79 11 20 W DRAINAGE AREA 21.7 km ²								
	TOTAL NUMBER OF SAMPLES		249		143	237			1
	REMARK(S) - REGULATED								
02HC106	WEST DUFFINS CREEK NEAR PICKERING	M-S	1974-75	1974-75	1974-75	1975			
	LATITUDE 43 51 00 N LONGITUDE 79 05 12 W DRAINAGE AREA 136 km ²								
	TOTAL NUMBER OF SAMPLES		64		85		10		
	REMARK(S) - NATURAL FLOW								
			- DATA CONTRIBUTED BY 485						
02HC008	WEST NUNBER RIVER NEAR THISTLETOWN	M-S M-MS	1965 1966	1965	1965 1966	1965 1966			1965 1966
	LATITUDE 43 43 50 N LONGITUDE 79 33 15 W DRAINAGE AREA 205 km ²								
	TOTAL NUMBER OF SAMPLES		28		27	32	3		
	REMARK(S) - REGULATED								
04CB001	WINDIGO RIVER ABOVE MUSKRAT DAM LAKE	M-MS	1983						
	LATITUDE 53 20 55 N LONGITUDE 81 47 30 W DRAINAGE AREA 10 800 km ²								
	TOTAL NUMBER OF SAMPLES		2						
	REMARK(S) - NATURAL FLOW								

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S - SEASONAL OPERATION

V - VOLUMETRIC MEASUREMENT

SEE INTRODUCTION FOR CONTRIBUTING AGENCIES

STATION NO.	NAME	TYPE OF OPERATION	CONC. DATA	SUSPENDED SEDIMENT			BED LOAD		BED MATERIAL PARTICLE SIZE
				LOADS	DISS. SOLIDS	WATER TEMP.	PARTICLE SIZE POINT	DEPTH	
04DC001	WINISK RIVER BELOW ASHEWEIC RIVER TRIBUTARY	M-MS	1978-80		1984-85	1979			
		M-MS	1984-85		1984-85	1984-85			
		M-MS	1987		1987	1987			
	LATITUDE 54 31 00 N								
	LONGITUDE 87 14 00 W								
	DRAINAGE AREA 50 000 km ²								
	TOTAL NUMBER OF SAMPLES		8		4	5			
	REMARK(S) - NATURAL FLOW								
02HC046	WIRON CREEK BELOW ALTONA	M-S	1974	1974	1974	1974			
		M-C	1975	1975	1975	1975	1974		1974
		M-S	1976	1976	1976	1976	1976		
	LATITUDE 43 57 36 N								
	LONGITUDE 79 10 57 W								
	DRAINAGE AREA 10.6 km ²								
	TOTAL NUMBER OF SAMPLES		285		283	250	9		1
	REMARK(S) - NATURAL FLOW								

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PRINCE EDWARD ISLAND

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STATION NO.	NAME	TYPE OF OPERATION	CONC. DATA	SUSPENDED SEDIMENT				BED LOAD		BED MATERIAL PARTICLE SIZE
				LOADS	DISS. SOLIDS	WATER TEMP.	PARTICLE SIZE POINT	VOLUME OR LOADS	PARTICLE SIZE	
O1CE004	BRUDENELL RIVER AT BRUDENELL	M-S	1979	1979	1979	1979				
	LATITUDE 46 12 07 N	M-C	1980-85	1980-85	1984	1980-85				
	LONGITUDE 62 39 23 W	M-C	1986	1986	1986	1986				
	DRAINAGE AREA 33.1 km ²									
	TOTAL NUMBER OF SAMPLES		706		38	725				
	REMARK(S) - NATURAL FLOW									
O1CE003	BRUDENELL RIVER NEAR BRUDENELL	M-S	1966	1966	1966	1966				
	LATITUDE 46 12 02 W	M-C	1967-71	1967-71	1967-71	1967-71				
	LONGITUDE 62 38 58 W	M-C	1972-77	1972-77	1972-77	1972-77	1987			1967-71
	DRAINAGE AREA 36.0 km ²	M-S	1978	1978	1978	1978	1972			1972
	TOTAL NUMBER OF SAMPLES		945		650	892	3			9
	REMARK(S) - NATURAL FLOW									
O1CB010	DAMES BROOK NEAR NEWTON	M-S	1974-75	1974-75	1974-75	1974-75				
	LATITUDE 46 20 49 N									
	LONGITUDE 63 33 19 W									
	DRAINAGE AREA 16.2 km ²									
	TOTAL NUMBER OF SAMPLES		106			75				
	REMARK(S) - NATURAL FLOW									
										- DATA CONTRIBUTED BY S15
O1CB011	DUNK RIVER ABOVE SCALES POND	M-MS	1974			1974				
	LATITUDE 46 20 55 N									
	LONGITUDE 63 34 40 W									
	DRAINAGE AREA 30.5 km ²									
	TOTAL NUMBER OF SAMPLES		56			56				
	REMARK(S) - NATURAL FLOW									
										- DATA CONTRIBUTED BY S15
O1CB009	DUNK RIVER AT MCKENNA'S BRIDGE	M-S	1974-75	1974-75	1974-75	1974-75				
	LATITUDE 46 21 09 N									
	LONGITUDE 63 32 32 W									
	DRAINAGE AREA 53.1 km ²									
	TOTAL NUMBER OF SAMPLES		92			62				
	REMARK(S) - NATURAL FLOW									
										- DATA CONTRIBUTED BY S15
O1CB002	DUNK RIVER AT WALL ROAD	M-S	1974-75	1974-75	1974-75	1974-75				
	LATITUDE 46 20 45 N									
	LONGITUDE 63 38 03 W									
	DRAINAGE AREA 114 km ²									
	TOTAL NUMBER OF SAMPLES		180			110				
	REMARK(S) - REGULATED									
O1CB013	DUNK RIVER BELOW SCALES POND	M-S	1974	1974	1974	1974				
	LATITUDE 46 20 36 N									
	LONGITUDE 63 38 40 W									
	DRAINAGE AREA 98.8 km ²									
	TOTAL NUMBER OF SAMPLES		62			58				
	REMARK(S) - REGULATED									
										- DATA CONTRIBUTED BY S15
O1CB008	DUNK RIVER NEAR BREADALBANE	M-S	1974-75	1974-75	1974-75	1974-75				
	LATITUDE 46 21 06 N									
	LONGITUDE 63 29 18 W									
	DRAINAGE AREA 19.8 km ²									
	TOTAL NUMBER OF SAMPLES		84			65				
	REMARK(S) - NATURAL FLOW									
										- DATA CONTRIBUTED BY S15
O1CB007	EAST BRANCH DUNK RIVER AT ELLIOTT	M-S	1974-75	1974-75	1974-75	1974-75				
	LATITUDE 46 21 47 N									
	LONGITUDE 63 27 48 W									
	DRAINAGE AREA 10.7 km ²									
	TOTAL NUMBER OF SAMPLES		116			77				
	REMARK(S) - NATURAL FLOW									
										- DATA CONTRIBUTED BY S15
O1CB012	ELMO RIVER NEAR SCALES POND	M-S	1974-75	1974-75	1974-75	1974-75				
	LATITUDE 46 20 19 N									
	LONGITUDE 63 35 52 W									
	DRAINAGE AREA 7.90 km ²									
	TOTAL NUMBER OF SAMPLES		55			55				
	REMARK(S) - NATURAL FLOW									
										- DATA CONTRIBUTED BY S15

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STATION NO.	NAME	TYPE OF OPERATION	CONC. DATA	SUSPENDED SEDIMENT			BED LOAD		BED MATERIAL PARTICLE SIZE
				LOADS	DISS. SOLIDS	WATER TEMP.	PARTICLE SIZE POINT	PARTICLE SIZE DEPTH	
OICB006	EMERALD BROOK NEAR EMERALD	D-S	1974	1974	1974	1974			
		D-C	1975-76	1976-76	1976-76	1975-76			
		M-C	1977-81	1977-81	1977-78	1977-81			1978
	LATITUDE 46 21 34 N								
	LONGITUDE 83 33 29 W								
	DRAINAGE AREA 5.59 km ²								
	TOTAL NUMBER OF SAMPLES		554		188	220			1
	REMARK(S) - NATURAL FLOW								
OICB005	NORTH BROOK NEAR WALL ROAD	M-S	1971	1971	1971	1971			
		M-C	1972-73	1972-73	1972-73	1972-73			
		D-C	1974	1974	1974	1974			
	LATITUDE 46 20 49 N	M-C	1975-83	1975-83	1975-78	1975-83	1974		1974
	LONGITUDE 83 37 58 W	M-C	1984-86	1984-86	1984-86	1984-86	1978		1978
	DRAINAGE AREA 12.9 km ²								
	TOTAL NUMBER OF SAMPLES		998		318	883	2		3
	REMARK(S) - NATURAL FLOW								
OICB004	SMELY CREEK NEAR ELLERSLIE	M-S	1987	1987		1987			
		M-C	1988-72	1988-72	1988-72	1988-72			1987
		M-MS	1973		1973				1988-72
	LATITUDE 46 36 06 N								
	LONGITUDE 83 55 14 W								
	DRAINAGE AREA 17.3 km ²								
	TOTAL NUMBER OF SAMPLES		274		235	232			8
	REMARK(S) - NATURAL FLOW								
OICB014	SOUTHWEST BROOK NEAR MIDDLETON	M-S	1974-75	1974-75		1974-75			
	LATITUDE 46 20 05 N								
	LONGITUDE 83 38 03 W								
	DRAINAGE AREA 23.4 km ²								
	TOTAL NUMBER OF SAMPLES		89			56			
	REMARK(S) - NATURAL FLOW								
			- DATA CONTRIBUTED BY S15						
OICB004	WILNOT RIVER NEAR WILNOT VALLEY	M-C	1972-77	1972-77	1972-77	1972-77	1974		1974
		M-C	1978-83	1978-83	1978	1978-83	1978		1978
		M-C	1984-85	1984-85	1984	1984-85			
	LATITUDE 46 23 35 N								
	LONGITUDE 83 39 35 W								
	DRAINAGE AREA 45.4 km ²								
	TOTAL NUMBER OF SAMPLES		816		272	648	4		3
	REMARK(S) - NATURAL FLOW								

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STATION NO.	NAME	TYPE OF OPERATION	CONC. DATA	SUSPENDED SEDIMENT			BED LOAD		BED MATERIAL PARTICLE SIZE
				LOADS	DISS. SOLIDS	WATER TEMP.	PARTICLE SIZE POINT DEPTH	VOLUME OR LOADS	PARTICLE SIZE
02DE041	ASCOT (RIVIERE) A MARTINVILLE	M-MS	1975						
	LATITUDE 45 16 15 N LONGITUDE 71 43 17 W LAND DESCRIPTION 070229 DRAINAGE AREA km ²								
	TOTAL NUMBER OF SAMPLES		1						
	REMARK(S) - NATURAL FLOW		- DATA CONTRIBUTED BY 740						
02DE042	ASCOT (RIVIERE) PRES DU RUISSEAU HASELTINE	M-MS	1975						
	LATITUDE 45 18 24 N LONGITUDE 71 46 23 W LAND DESCRIPTION 030246 DRAINAGE AREA 214 km ²								
	TOTAL NUMBER OF SAMPLES		7						
	REMARK(S) - NATURAL FLOW		- DATA CONTRIBUTED BY 740						
03EA001	BALEINE (GRANDE RIVIERE DE LA) A LA SORTIE DU LAC BIENVILLE	M-MS	1973						
	LATITUDE 54 50 57 N LONGITUDE 73 53 01 W LAND DESCRIPTION 093806 DRAINAGE AREA 21 000 km ²								
	TOTAL NUMBER OF SAMPLES		4						
	REMARK(S) - NATURAL FLOW		- DATA CONTRIBUTED BY 740						
03EA004	BALEINE (GRANDE RIVIERE DE LA) A LA SORTIE DU LAC MAGNE	M-MS	1973-74						
	LATITUDE 55 15 35 N LONGITUDE 71 12 14 W LAND DESCRIPTION 093808 DRAINAGE AREA 7 720 km ²								
	REMARK(S) - NATURAL FLOW		- DATA CONTRIBUTED BY 740						
03ED002	BALEINE (GRANDE RIVIERE DE LA) PRES DE L'EMBOUCHURE	M-MS	1973-74						
	LATITUDE 55 17 10 N LONGITUDE 77 35 14 W LAND DESCRIPTION 093803 DRAINAGE AREA 43 200 km ²								
	TOTAL NUMBER OF SAMPLES		2						
	REMARK(S) - NATURAL FLOW		- DATA CONTRIBUTED BY 740						
018G005	BASTIEN (RUISSEAU) EN AMONT DU PONT	M-MS	1969-72						
	LATITUDE 48 08 35 N LONGITUDE 66 07 37 W LAND DESCRIPTION 012801 DRAINAGE AREA 12.4 km ²								
	TOTAL NUMBER OF SAMPLES		94						
	REMARK(S) - NATURAL FLOW		- DATA CONTRIBUTED BY 740						
02PA007	BATISCAN (RIVIERE) EN AVAL DE LA RIVIERE DES ENVIES	M-	1973-78			1977-78			
	LATITUDE 46 35 01 N LONGITUDE 72 24 17 W LAND DESCRIPTION 050304 DRAINAGE AREA 4 480 km ²								
	TOTAL NUMBER OF SAMPLES		802			203			
	REMARK(S) - NATURAL FLOW		- DATA CONTRIBUTED BY 740						
02P008	BECAINCOUR (RIVIERE) A BECAINCOUR	M-MS	1973-78			1977-78			
	LATITUDE 46 21 10 N LONGITUDE 72 26 22 W LAND DESCRIPTION 024009 DRAINAGE AREA 2 500 km ²								
	TOTAL NUMBER OF SAMPLES		356			229			
	REMARK(S) - NATURAL FLOW		- DATA CONTRIBUTED BY 740						

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STATION NO.	NAME	TYPE OF OPERATION	CONC DATA	SUSPENDED SEDIMENT			BED LOAD		BED MATERIAL PARTICLE SIZE
				LOADS	DISS. SOLIDS	WATER TEMP	PARTICLE SIZE POINT	DEPTH	
02P006	BECANCOUR (RIVIERE) A DAVELUVILLE	M-MS	1970-74						
	LATITUDE 46 12 51 N LONGITUDE 72 08 28 W LAND DESCRIPTION 024002 DRAINAGE AREA 2 210 km ²								
	TOTAL NUMBER OF SAMPLES		389						
	REMARK(S) - NATURAL FLOW		- DATA CONTRIBUTED BY 740						
03AC004	BELL (RIVIERE) EN AMONT DU LAC MATAGAMI	M-MS	1972						
	LATITUDE 49 45 11 N LONGITUDE 77 30 52 W LAND DESCRIPTION 080707 DRAINAGE AREA 22 200 km ²								
	TOTAL NUMBER OF SAMPLES		2						
	REMARK(S) - NATURAL FLOW		- DATA CONTRIBUTED BY 740						
020A026	BIC (RIVIERE DU)	M-MS	1970-72						
	LATITUDE 48 22 25 N LONGITUDE 68 42 15 W LAND DESCRIPTION 022101 DRAINAGE AREA 180 km ²								
	TOTAL NUMBER OF SAMPLES		356						
	REMARK(S) - NATURAL FLOW		- DATA CONTRIBUTED BY 740						
03BD001	BROADBACK (RIVIERE) EN AMONT DU LAC EVANG	M-MS	1972						
	LATITUDE 50 47 14 N LONGITUDE 78 43 13 W LAND DESCRIPTION 080802 DRAINAGE AREA 10 900 km ²								
	TOTAL NUMBER OF SAMPLES		2						
	REMARK(S) - NATURAL FLOW		- DATA CONTRIBUTED BY 740						
020D010	BULSTRODE (RIVIERE) A SAINT-VALERE-1	M-MS	1974-75						
	LATITUDE 46 04 12 N LONGITUDE 71 58 44 W LAND DESCRIPTION 030106 DRAINAGE AREA 342 km ²								
	TOTAL NUMBER OF SAMPLES		210						
	REMARK(S) - REGULATED		- DATA CONTRIBUTED BY 740						
020D011	BULSTRODE (RIVIERE) EN AMONT DE LA ROUTE NO. 118	M-MS	1974-75						
	LATITUDE 46 08 19 N LONGITUDE 71 48 34 W LAND DESCRIPTION 030110 DRAINAGE AREA 260 km ²								
	TOTAL NUMBER OF SAMPLES		672						
	REMARK(S) - NATURAL FLOW		- DATA CONTRIBUTED BY 740						
02PD016	CAP-ROUGE (RIVIERE DU)	M-MS	1976-79						
	LATITUDE 46 45 51 N LONGITUDE 71 21 29 W LAND DESCRIPTION 053901 DRAINAGE AREA 70 7 km ²								
	TOTAL NUMBER OF SAMPLES		521			251			
	REMARK(S) - NATURAL FLOW		- DATA CONTRIBUTED BY 740						
02RF001	CHAMOUCHOUANE (RIVIERE) A LA CHUTE A MICHEL	M-MS	1969-74						
	LATITUDE 48 41 11 N LONGITUDE 72 29 17 W LAND DESCRIPTION 061901 DRAINAGE AREA 15 300 km ²								
	TOTAL NUMBER OF SAMPLES		686						
	REMARK(S) - NATURAL FLOW		- DATA CONTRIBUTED BY 740						

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STATION NO.	NAME	TYPE OF OPERATION	CONC. DATA	SUSPENDED SEDIMENT			BED LOAD		BED MATERIAL PARTICLE SIZE
				LOADS	DISS. SOLIDS	WATER TEMP.	PARTICLE SIZE POINT	PARTICLE SIZE DEPTH	
02DA054	CHATEAUGUAY (RIVIERE) EN AMONT DE LA ROUTE NO. 132	M-MS	1969-79			1977-79			
	LATITUDE 45 19 56 N LONGITUDE 73 46 43 W LAND DESCRIPTION 030905 DRAINAGE AREA 2 500 km ²								
	TOTAL NUMBER OF SAMPLES		1559			153			
	REMARK(S) - REGULATED		- DATA CONTRIBUTED BY 740						
02PJ005	CHAUDIERE (RIVIERE) A SAINT-LAMBERT-DE-LEVIS	M-MS	1968-79			1977-79			
	LATITUDE 46 35 16 N LONGITUDE 71 12 59 W LAND DESCRIPTION 023402 DRAINAGE AREA 5 820 km ²								
	TOTAL NUMBER OF SAMPLES		1649			208			
	REMARK(S) - REGULATED		- DATA CONTRIBUTED BY 740						
02PJ016	CHAUDIERE (RIVIERE) A SAINT-MARTIN	M-MS	1968-74						
	LATITUDE 45 57 30 N LONGITUDE 70 39 30 W LAND DESCRIPTION 023414 DRAINAGE AREA 2 010 km ²								
	TOTAL NUMBER OF SAMPLES		850						
	REMARK(S) - REGULATED		- DATA CONTRIBUTED BY 740						
02PK005	CHENE (PETIT RIVIERE DU) A SAINTE-CECILE-DE-LEVRARD	M-MS	1980-81			1980-81			
	LATITUDE 46 30 00 N LONGITUDE 72 06 28 W LAND DESCRIPTION 023701 DRAINAGE AREA 356 km ²								
	TOTAL NUMBER OF SAMPLES		152			115			
	REMARK(S) - NATURAL FLOW		- DATA CONTRIBUTED BY 740						
02DA080	CHENE (RIVIERE DU) A LA FRESNIERE	M-MS	1977-79			1977-79			
	LATITUDE 46 33 37 N LONGITUDE 73 58 40 W LAND DESCRIPTION 046701 DRAINAGE AREA 200 km ²								
	TOTAL NUMBER OF SAMPLES		168			166			
	REMARK(S) - NATURAL FLOW		- DATA CONTRIBUTED BY 740						
02PE014	DAUPHINE (RIVIERE)	M-MS	1980			1980			
	LATITUDE 46 58 00 N LONGITUDE 70 51 23 W LAND DESCRIPTION 120201 DRAINAGE AREA 24 9 km ²								
	TOTAL NUMBER OF SAMPLES		123			120			
	REMARK(S) - NATURAL FLOW		- DATA CONTRIBUTED BY 740						
02DC028	DAVID (RIVIERE) A SAINT-DAVID	M-MS	1975						
	LATITUDE 46 57 13 N LONGITUDE 72 51 34 W LAND DESCRIPTION 030316 DRAINAGE AREA 342 km ²								
	TOTAL NUMBER OF SAMPLES		8						
	REMARK(S) - NATURAL FLOW		- DATA CONTRIBUTED BY 740						
02DE033	EATON (RIVIERE) A SAWYERVILLE	M-MS	1969-72						
	LATITUDE 46 20 28 N LONGITUDE 71 34 04 W LAND DESCRIPTION 030242 DRAINAGE AREA 197 km ²								
	TOTAL NUMBER OF SAMPLES		858						
	REMARK(S) - NATURAL FLOW		- DATA CONTRIBUTED BY 740						

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STATION NO	NAME	TYPE OF OPERATION	CONC DATA	SUSPENDED SEDIMENT				BED LOAD		BED MATERIAL PARTICLE SIZE
				LOADS	DISS SOLIDS	WATER TEMP	PARTICLE SIZE POINT DEPTH	VOLUME OR LOADS	PARTICLE SIZE	
02DE027	EATON (RIVIERE) PRES DE LA RIVIERE SAINT-FRANCOIS-3	M-MS	1972-75							
	LATITUDE 45 28 02 N LONGITUDE 71 38 19 W LAND DESCRIPTION 030234 DRAINAGE AREA 642 km ²									
	TOTAL NUMBER OF SAMPLES		429							
	REMARK(S) - NATURAL FLOW		- DATA CONTRIBUTED BY 740							
02PDO12	EAUX VOLEES (RUISSEAU DES) PRES DE LA RIVIERE MONTMORENCY	M-MS	1968-72							
	LATITUDE 47 18 15 N LONGITUDE 71 08 15 W LAND DESCRIPTION 051003 DRAINAGE AREA 9 17 km ²									
	TOTAL NUMBER OF SAMPLES		176							
	REMARK(S) - NATURAL FLOW		- DATA CONTRIBUTED BY 740							
02PH009	ETCHEMIN (RIVIERE) A SAINT-HENRI	M-MS	1980-81			1980-81				
	LATITUDE 46 43 44 N LONGITUDE 71 08 13 W LAND DESCRIPTION 023302 DRAINAGE AREA 1 420 km ²									
	TOTAL NUMBER OF SAMPLES		183			171				
	REMARK(S) - REGULATED		- DATA CONTRIBUTED BY 740							
02PJ030	FAMINE (RIVIERE) A SAINT-GEORGES	M-MS	1971-73							
	LATITUDE 46 09 51 N LONGITUDE 70 38 23 W LAND DESCRIPTION 023422 DRAINAGE AREA 691 km ²									
	TOTAL NUMBER OF SAMPLES		146							
	REMARK(S) - NATURAL FLOW		- DATA CONTRIBUTED BY 740							
03DC005	FONTANGES (BASSIN) A LA DIGUE KD-15	M-MS	1972-74							
	LATITUDE 54 35 00 N LONGITUDE 71 18 30 W LAND DESCRIPTION 092721 DRAINAGE AREA 38 600 km ²									
	TOTAL NUMBER OF SAMPLES		5							
	REMARK(S) - REGULATED		- DATA CONTRIBUTED BY 740							
03DC002	GRANDE RIVIERE (LA) EN AMONT DE LA RIVIERE DE PONTAIS	M-MS	1973							
	LATITUDE 53 37 40 N LONGITUDE 74 31 38 W LAND DESCRIPTION 092703 DRAINAGE AREA 37 000 km ²									
	TOTAL NUMBER OF SAMPLES		3							
	REMARK(S) - NATURAL FLOW		- DATA CONTRIBUTED BY 740							
03DP001	GRANDE RIVIERE (LA) EN AVAL DE LA RIVIERE ACAZI	M-MS	1973-74							
	LATITUDE 53 43 48 N LONGITUDE 78 34 24 W LAND DESCRIPTION 092704 DRAINAGE AREA 96 800 km ²									
	TOTAL NUMBER OF SAMPLES		12							
	REMARK(S) - NATURAL FLOW		- DATA CONTRIBUTED BY 740							
03DC001	GRANDE RIVIERE (LA) EN AVAL DE LA RIVIERE SAKAMI	M-MS	1973							
	LATITUDE 53 40 55 N LONGITUDE 76 47 24 W LAND DESCRIPTION 092702 DRAINAGE AREA 74 100 km ²									
	TOTAL NUMBER OF SAMPLES		3							
	REMARK(S) - NATURAL FLOW		- DATA CONTRIBUTED BY 740							

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SEE INTRODUCTION FOR CONTRIBUTING AGENCIES

STATION NO	NAME	TYPE OF OPERATION	CONC DATA	LOADS	SUSPENDED SEDIMENT			BED LOAD		BED MATERIAL PARTICLE SIZE
					DISS SOLIDS	WATER TEMP	PARTICLE SIZE POINT DEPTH	VOLUME OR LOADS	PARTICLE SIZE	
03DA002	GRANDE RIVIERE (LA) EN AVAL DU LAC PUISSEAU	M-MS	1973							
	LATITUDE 53 35 58 N LONGITUDE 71 11 35 W LAND DESCRIPTION 092722 DRAINAGE AREA 12 800 km ²									
	TOTAL NUMBER OF SAMPLES 4									
	REMARK(S) - NATURAL FLOW - DATA CONTRIBUTED BY 740									
04NA001	HARRICANA (RIVIERE) A AMDS	M-MS	1988-78							
	LATITUDE 48 38 02 N LONGITUDE 70 08 34 W LAND DESCRIPTION 050101 DRAINAGE AREA 3 680 km ²									
	TOTAL NUMBER OF SAMPLES 1558									
	REMARK(S) - NATURAL FLOW - DATA CONTRIBUTED BY 740									
02FJ034	HEMERI (BRAS D')	M-MS	1980-81			1980-81				
	LATITUDE 45 32 25 N LONGITUDE 71 20 20 W LAND DESCRIPTION 023432 DRAINAGE AREA 137 km ²									
	TOTAL NUMBER OF SAMPLES 235 225									
	REMARK(S) - NATURAL FLOW - DATA CONTRIBUTED BY 740									
02DJ024	MURON (RIVIERE DES) EN AVAL DU RUISSEAU SAINT-LOUIS-2	M-MS	1972-78 1978-81			1978-81				
	LATITUDE 45 28 25 N LONGITUDE 73 11 13 W LAND DESCRIPTION 030415 DRAINAGE AREA 287 km ²									
	TOTAL NUMBER OF SAMPLES 1356 351									
	REMARK(S) - NATURAL FLOW - DATA CONTRIBUTED BY 740									
02PC002	JACQUES-CARTIER (RIVIERE) PRES DE SAINT-GABRIEL	M-MS	1972-73							
	LATITUDE 48 53 23 N LONGITUDE 71 31 38 W LAND DESCRIPTION 050801 DRAINAGE AREA 2 010 km ²									
	TOTAL NUMBER OF SAMPLES 85									
	REMARK(S) - REGULATED - DATA CONTRIBUTED BY 740									
03DB003	KANAAUPSCOW (RIVIERE) EN AMONT DU RUISSEAU POUTRE-2	M-MS	1972-74							
	LATITUDE 53 45 23 N LONGITUDE 78 58 39 W LAND DESCRIPTION 092706 DRAINAGE AREA 18 800 km ²									
	TOTAL NUMBER OF SAMPLES 8									
	REMARK(S) - NATURAL FLOW - DATA CONTRIBUTED BY 740									
020B004	L'ASSOMPTION (RIVIERE) A CHARLEMAGNE	M-MS	1978-79 1977-78			1977-78				
	LATITUDE 45 43 03 N LONGITUDE 73 29 02 W LAND DESCRIPTION 052204 DRAINAGE AREA km ²									
	TOTAL NUMBER OF SAMPLES 210 182									
	REMARK(S) - REGULATED - DATA CONTRIBUTED BY 740									
020B008	L'ASSOMPTION (RIVIERE) A JOLLETTE	M-MS	1974-75							
	LATITUDE 46 00 37 N LONGITUDE 73 28 39 W LAND DESCRIPTION 052218 DRAINAGE AREA 1 340 km ²									
	TOTAL NUMBER OF SAMPLES 260									
	REMARK(S) - REGULATED - DATA CONTRIBUTED BY 740									

P - PUMP SAMPLING
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SEE INTRODUCTION FOR CONTRIBUTING AGENCIES

STATION NO.	NAME	TYPE OF OPERATION	CONC DATA	SUSPENDED SEDIMENT			BED LOAD		BED MATERIAL PARTICLE SIZE
				LOADS	DISS. SOLIDS	WATER TEMP	PARTICLE SIZE POINT	DEPTH	
03DC003	LAFORE (RIVIERE) PRES DE LA GRANDE RIVIERE	M-MS	1973-74						
	LATITUDE 53 58 10 N LONGITUDE 73 28 04 W LAND DESCRIPTION 092717 DRAINAGE AREA 10 200 km ²								
	TOTAL NUMBER OF SAMPLES		5						
	REMARK(S) - NATURAL FLOW		- DATA CONTRIBUTED BY 740						
02PJ026	LINIERE (RIVIERE) A SAINT-COME-2	M-MS	1968-73						
	LATITUDE 46 07 31 N LONGITUDE 70 31 40 W LAND DESCRIPTION 023423 DRAINAGE AREA 806 km ²								
	TOTAL NUMBER OF SAMPLES		446						
	REMARK(S) - NATURAL FLOW		- DATA CONTRIBUTED BY 740						
02PG001	LOUP (RIVIERE DU) A LA ROUTE NO. 132	M-MS M-MS	1968-77 1980-81						
	LATITUDE 47 49 21 N LONGITUDE 69 31 14 W LAND DESCRIPTION 022513 DRAINAGE AREA 1 050 km ²								
	TOTAL NUMBER OF SAMPLES		1061						180
	REMARK(S) - REGULATED		- DATA CONTRIBUTED BY 740						
020C005	LOUP (RIVIERE DU) A LOUISEVILLE	M-MS	1978-81						
	LATITUDE 46 17 47 N LONGITUDE 72 54 46 W LAND DESCRIPTION 052802 DRAINAGE AREA 1 430 km ²								
	TOTAL NUMBER OF SAMPLES		380						354
	REMARK(S) - REGULATED		- DATA CONTRIBUTED BY 740						
020E059	MAGOG (RIVIERE) A LA CENTRALE DE ROCK-FOREST	M-MS	1975-76						
	LATITUDE 45 20 33 N LONGITUDE 71 59 37 W LAND DESCRIPTION 030272 DRAINAGE AREA 1 860 km ²								
	TOTAL NUMBER OF SAMPLES		18						
	REMARK(S) - REGULATED		- DATA CONTRIBUTED BY 740						
020E006	MAGOG (RIVIERE) A LA CENTRALE DE SHERBROOKE	M-MS	1975						
	LATITUDE 45 24 20 N LONGITUDE 71 53 39 W LAND DESCRIPTION 030221 DRAINAGE AREA 2 020 km ²								
	TOTAL NUMBER OF SAMPLES		99						
	REMARK(S) - REGULATED		- DATA CONTRIBUTED BY 740						
02PF002	MAILLOUX (RIVIERE)	M-MS	1970						
	LATITUDE 47 38 48 N LONGITUDE 70 09 12 W LAND DESCRIPTION 051901 DRAINAGE AREA km ²								
	TOTAL NUMBER OF SAMPLES		150						
	REMARK(S) - NATURAL FLOW		- DATA CONTRIBUTED BY 740						
02SC002	MASKINONGE (RIVIERE) PRES DE SAINTE-URSULE	M-MS	1973-79						
	LATITUDE 46 18 04 N LONGITUDE 73 05 48 W LAND DESCRIPTION 052601 DRAINAGE AREA 1 030 km ²								
	TOTAL NUMBER OF SAMPLES		535						174
	REMARK(S) - REGULATED		- DATA CONTRIBUTED BY 740						

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SEE INTRODUCTION FOR CONTRIBUTING AGENCIES

STATION NO.	NAME	TYPE OF OPERATION	CONC. DATA	SUSPENDED SEDIMENT			BED LOAD		BED MATERIAL PARTICLE SIZE
				LOADS	DISS. SOLIDS	WATER TEMP	PARTICLE SIZE POINT	DEPTH	
020E019	MASSAWAPPI (RIVIERE) EN AVAL DU LAC MASSAWAPPI	M-MS	1975-78						
	LATITUDE 45 17 03 N LONGITUDE 71 57 45 W LAND DESCRIPTION 030220 DRAINAGE AREA 519 km ²								
	TOTAL NUMBER OF SAMPLES		10						
	REMARK(S) - REGULATED		- DATA CONTRIBUTED BY 740						
020E043	MASSAWAPPI (RIVIERE) PRES DE LA RIVIERE SAINT-FRANCOIS	M-MS	1975						
	LATITUDE 45 22 00 N LONGITUDE 71 51 03 W LAND DESCRIPTION 030231 DRAINAGE AREA 1 700 km ²								
	TOTAL NUMBER OF SAMPLES		80						
	REMARK(S) - REGULATED		- DATA CONTRIBUTED BY 740						
018D002	MATAPEDIA (RIVIERE) EN AMONT DE LA RIVIERE ASSEMETOUGAN	M-MS	1970-77						
	LATITUDE 48 05 12 N LONGITUDE 67 08 02 W LAND DESCRIPTION 011507 DRAINAGE AREA 2 780 km ²								
	TOTAL NUMBER OF SAMPLES		833						
	REMARK(S) - NATURAL FLOW		- DATA CONTRIBUTED BY 740						
02PD002	MONTHORENCY (RIVIERE) EN AVAL DU BARRAGE DES MARCHES NATURELLES	M-MS	1972-73						
	LATITUDE 46 53 39 N LONGITUDE 71 09 05 W LAND DESCRIPTION 051001 DRAINAGE AREA 1 100 km ²								
	TOTAL NUMBER OF SAMPLES		213						
	REMARK(S) - NATURAL FLOW		- DATA CONTRIBUTED BY 740						
020D003	NICOLET (RIVIERE) EN AVAL DE LA RIVIERE BULSTRODE	M-MS	1970-78						
	LATITUDE 46 03 23 N LONGITUDE 72 18 23 W LAND DESCRIPTION 030103 DRAINAGE AREA 1 540 km ²								
	TOTAL NUMBER OF SAMPLES		238						
	REMARK(S) - NATURAL FLOW		- DATA CONTRIBUTED BY 740						
020C019	NOIRE (RIVIERE) PRES DE LA RIVIERE YAMASKA	M-MS	1969-76						
	LATITUDE 45 29 59 N LONGITUDE 72 54 23 W LAND DESCRIPTION 030304 DRAINAGE AREA 1 470 km ²								
	TOTAL NUMBER OF SAMPLES		411						
	REMARK(S) - REGULATED		- DATA CONTRIBUTED BY 740						
02LC022	NORD (RIVIERE DU) A SAINT-ANDRE-EST	M-MS	1972-73						
	LATITUDE 45 33 58 N LONGITUDE 74 20 09 W LAND DESCRIPTION 040118 DRAINAGE AREA 2 070 km ²								
	TOTAL NUMBER OF SAMPLES		70						
	REMARK(S) - REGULATED		- DATA CONTRIBUTED BY 740						
02AD001	NOTTAWAY (RIVIERE) A LA TETE DU LAC SOSCUMICA	M-MS	1972						
	LATITUDE 50 08 04 N LONGITUDE 77 25 16 W LAND DESCRIPTION 080701 DRAINAGE AREA 57 500 km ²								
	TOTAL NUMBER OF SAMPLES		3						
	REMARK(S) - NATURAL FLOW		- DATA CONTRIBUTED BY 740						

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SEE INTRODUCTION FOR CONTRIBUTING AGENCIES

STATION NO.	NAME	TYPE OF OPERATION	CONC. DATA	SUSPENDED SEDIMENT				BED LOAD		BED MATERIAL PARTICLE SIZE
				LOADS	DISS. SOLIDS	WATER TEMP.	PARTICLE SIZE POINT DEPTH	VOLUME OR LOADS	PARTICLE SIZE	
020J007	RICHELIEU (RIVIERE) AUX RAPIDES FRYERS	D-S M-C M-MS M-S	1970-71	1970-71	1970-71	1970				
			1972-78	1972-78	1972-78	1972-78				
			1977			1977				
			1978	1978	1978	1978				
	LATITUDE 45 23 54 N									
	LONGITUDE 73 15 32 W									
	DRAINAGE AREA 22 000 km ²									
	TOTAL NUMBER OF SAMPLES		567		516	344				
	REMARK(S) - NATURAL FLOW									
020A002	RIMOUSKI (RIVIERE)-1	M-MS	1968-73							
	LATITUDE 48 24 48 N									
	LONGITUDE 68 33 22 W									
	LAND DESCRIPTION 022003									
	DRAINAGE AREA 1 610 km ²									
	TOTAL NUMBER OF SAMPLES		855							
	REMARK(S) - NATURAL FLOW									
020B034	ROUGE (RIVIERE)	M-MS	1980-81			1980-81				
	LATITUDE 45 59 15 N									
	LONGITUDE 73 29 58 W									
	LAND DESCRIPTION 052230									
	DRAINAGE AREA 319 km ²									
	TOTAL NUMBER OF SAMPLES		245			200				
	REMARK(S) - NATURAL FLOW									
02LC024	ROUGE (RIVIERE) A SON EMBOUCHURE	M-MS M-MS	1972-73							
			1980-81			1980-81				
	LATITUDE 45 33 44 N									
	LONGITUDE 74 19 15 W									
	LAND DESCRIPTION 040123									
	DRAINAGE AREA 141 km ²									
	TOTAL NUMBER OF SAMPLES		284			220				
	REMARK(S) - NATURAL FLOW									
038B002	RUPERT (RIVIERE DE) ET LE CHENAL CHIPASTOUC	M-MS	1973							
	LATITUDE 51 02 31 N									
	LONGITUDE 73 48 37 W									
	LAND DESCRIPTION 081007									
	DRAINAGE AREA 18 100 km ²									
	TOTAL NUMBER OF SAMPLES		3							
	REMARK(S) - NATURAL FLOW									
02PD010	SAINT-CHARLES (RIVIERE) EN AMONT DE LA RIVIERE LORETTE	M-MS	1980-81			1980-81				
	LATITUDE 46 48 51 N									
	LONGITUDE 71 19 03 W									
	LAND DESCRIPTION 050904									
	DRAINAGE AREA 357 km ²									
	TOTAL NUMBER OF SAMPLES		181			175				
	REMARK(S) - REGULATED									
020E004	SAINT-FRANCOIS (RIVIERE) A ASCOT	M-MS	1975-76							
	LATITUDE 45 28 47 N									
	LONGITUDE 71 45 59 W									
	LAND DESCRIPTION 030206									
	DRAINAGE AREA 4 120 km ²									
	TOTAL NUMBER OF SAMPLES		57							
	REMARK(S) - REGULATED									
020F008	SAINT-FRANCOIS (RIVIERE) A BROMPTONVILLE	M-MS	1975							
	LATITUDE 45 28 30 N									
	LONGITUDE 71 58 18 W									
	LAND DESCRIPTION 030244									
	DRAINAGE AREA 8 110 km ²									
	TOTAL NUMBER OF SAMPLES		7							
	REMARK(S) - REGULATED									

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STATION NO.	NAME	TYPE OF OPERATION	CONC. DATA	SUSPENDED SEDIMENT			BED LOAD		BED MATERIAL PARTICLE SIZE
				LOADS	DISS. SOLIDS	WATER TEMP.	PARTICLE SIZE POINT	VOLUME OR LOADS	
020E029	SAINT-FRANCOIS (RIVIERE) A DISRAELI	M-MS	1975						
	LATITUDE 45 54 14 N LONGITUDE 71 20 46 W LAND DESCRIPTION 030213 DRAINAGE AREA 1 240 km ²								
	TOTAL NUMBER OF SAMPLES		5						
	REMARK(S) - REGULATED		- DATA CONTRIBUTED BY 740						
020F019	SAINT-FRANCOIS (RIVIERE) A LA CENTRALE DE DRUMMONDVILLE	M-MS M-MS	1988-73 1975						
	LATITUDE 45 53 14 N LONGITUDE 72 29 00 W LAND DESCRIPTION 030258 DRAINAGE AREA 9 830 km ²								
	TOTAL NUMBER OF SAMPLES		1143						
	REMARK(S) - REGULATED		- DATA CONTRIBUTED BY 740						
020F002	SAINT-FRANCOIS (RIVIERE) A LA CENTRALE DE HEMMING-FALLS	M-MS	1973-76						
	LATITUDE 45 51 42 N LONGITUDE 72 27 11 W LAND DESCRIPTION 030203 DRAINAGE AREA 9 810 km ²								
	TOTAL NUMBER OF SAMPLES		438						
	REMARK(S) - REGULATED		- DATA CONTRIBUTED BY 740						
020E017	SAINT-FRANCOIS (RIVIERE) A LA CENTRALE DE WOODH	M-MS	1975						
	LATITUDE 45 39 43 N LONGITUDE 71 27 50 W LAND DESCRIPTION 030212 DRAINAGE AREA 2 930 km ²								
	TOTAL NUMBER OF SAMPLES		1						
	REMARK(S) - REGULATED		- DATA CONTRIBUTED BY 740						
020E007	SAINT-FRANCOIS (RIVIERE) A LA CENTRALE DE WESTBURY	M-MS	1979						
	LATITUDE 45 29 58 N LONGITUDE 71 37 04 W LAND DESCRIPTION 030207 DRAINAGE AREA 3 320 km ²								
	TOTAL NUMBER OF SAMPLES		67						
	REMARK(S) - REGULATED		- DATA CONTRIBUTED BY 740						
020E070	SAINT-FRANCOIS (RIVIERE) EN AVAL DU RESERVOIR AYLMER-1	M-MS	1975						
	LATITUDE 46 45 35 N LONGITUDE 71 24 25 W LAND DESCRIPTION 030278 DRAINAGE AREA 1 710 km ²								
	REMARK(S) - REGULATED		- DATA CONTRIBUTED BY 740						
020E003	SAINT-FRANCOIS (RIVIERE) PRES DE BISHOPTON	M-MS	1975						
	LATITUDE 45 34 50 N LONGITUDE 71 33 53 W LAND DESCRIPTION 030210 DRAINAGE AREA 3 110 km ²								
	TOTAL NUMBER OF SAMPLES		1						
	REMARK(S) - REGULATED		- DATA CONTRIBUTED BY 740						
020F020	SAINT-GERMAIN (RIVIERE) A DRUMMONDVILLE	M-MS	1975						
	LATITUDE 45 52 38 N LONGITUDE 72 30 40 W LAND DESCRIPTION 030282 DRAINAGE AREA 280 km ²								
	TOTAL NUMBER OF SAMPLES		7						
	REMARK(S) - NATURAL FLOW		- DATA CONTRIBUTED BY 740						

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STATION NO.	NAME	TYPE OF OPERATION	CONC. DATA	LOADS	SUSPENDED SEDIMENT		PARTICLE SIZE POINT	PARTICLE SIZE DEPTH	BED LOAD		BED MATERIAL PARTICLE SIZE
					DISS. SOLIDS	WATER TEMP.			VOLUME OR LOADS	PARTICLE SIZE	
02PD003	SAINT-LAURENT (FLEUVE) A LA VILLE DE QUEBEC	P-S P-MS	1973-75 1977-78		1973-75 1977-78						
	LATITUDE 46 48 24 N LONGITUDE 71 12 18 W DRAINAGE AREA km ²										
	TOTAL NUMBER OF SAMPLES		257		234						
	REMARK(S) - REGULATED										
02B0016	SAINT-LAURENT (FLEUVE) A LASALLE	M-S M-C M-S M-C P-C P-S P-MS	1967 1968 1969 1970 1971-72 1973-74 1975	1967 1968 1969 1970 1971-72 1973-74 1975	1967 1968 1969 1970 1971-72 1973-74 1975	1967 1968 1969 1970 1971-72 1973-74 1975					
	LATITUDE 45 24 54 N LONGITUDE 73 37 25 W DRAINAGE AREA km ²										
	TOTAL NUMBER OF SAMPLES		577		557	352					
	REMARK(S) - REGULATED										
02PJ031	SAINT-VICTOR (RIVIERE)	M-MS	1969-72								
	LATITUDE 46 12 06 N LONGITUDE 70 53 38 W LAND DESCRIPTION 023421 DRAINAGE AREA 863 km ²										
	TOTAL NUMBER OF SAMPLES		518								
	REMARK(S) - NATURAL FLOW										
02PB018	SAINT-ANNE (RIVIERE) A CHUTE-PANET-1	M-MS	1968-73								
	LATITUDE 46 51 10 N LONGITUDE 71 52 39 W LAND DESCRIPTION 050408 DRAINAGE AREA 1 550 km ²										
	TOTAL NUMBER OF SAMPLES		584								
	REMARK(S) - REGULATED										
02PB037	SAINT-ANNE (RIVIERE) A LA PERADE-1	M-MS M-MS	1974-77 1980-81			1980-81					
	LATITUDE 46 37 35 N LONGITUDE 72 12 00 W LAND DESCRIPTION 050438 DRAINAGE AREA 2 880 km ²										
	TOTAL NUMBER OF SAMPLES		421			153					
	REMARK(S) - REGULATED										
02PE001	SAINT-ANNE DU NORD (RIVIERE) A LA CENTRALE DE SAINT-PEREOL	M-MS	1971-73								
	LATITUDE 47 07 25 N LONGITUDE 70 48 06 W LAND DESCRIPTION 051201 DRAINAGE AREA 974 km ²										
	TOTAL NUMBER OF SAMPLES		224								
	REMARK(S) - REGULATED										
03DE001	SAKAMI (RIVIERE) PRES DE LA GRANDE RIVIERE	M-MS	1973								
	LATITUDE 53 39 16 N LONGITUDE 76 38 37 W LAND DESCRIPTION 092707 DRAINAGE AREA 10 900 km ²										
	REMARK(S) - NATURAL FLOW										
02GC036	SALVAIL (RIVIERE) PRES DE LA RIVIERE YAMASKA	M-MS	1975								
	LATITUDE 45 48 27 N LONGITUDE 72 58 28 W LAND DESCRIPTION 030328 DRAINAGE AREA 155 km ²										
	TOTAL NUMBER OF SAMPLES		6								
	REMARK(S) - NATURAL FLOW										

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SEE INTRODUCTION FOR CONTRIBUTING AGENCIES

STATION NO.	NAME	TYPE OF OPERATION	CONC. DATA	SUSPENDED SEDIMENT			BED LOAD		BED MATERIAL PARTICLE SIZE
				LOADS	DISS. SOLIDS	WATER TEMP.	PARTICLE SIZE POINT DEPTH	VOLUME OR LOADS	PARTICLE SIZE
02PH010	SUD (RIVIERE DU) A ARTHURVILLE	M-MS	1971-78						
	LATITUDE 48 49 14 N LONGITUDE 70 45 25 W LAND DESCRIPTION 023106 DRAINAGE AREA 821 km ²								
	TOTAL NUMBER OF SAMPLES		198						
	REMARK(S) - REGULATED		- DATA CONTRIBUTED BY 740						
020C014	YAMACHICHE (RIVIERE) EN AMONT DE LA ROUTE NO. 132	M-MS	1977-78			1977-78			
	LATITUDE 48 17 34 N LONGITUDE 72 48 11 W LAND DESCRIPTION 063003 DRAINAGE AREA 269 km ²								
	TOTAL NUMBER OF SAMPLES		142			119			
	REMARK(S) - NATURAL FLOW		- DATA CONTRIBUTED BY 740						
020G005	YAMASKA (RIVIERE)	M-MS	1973-81			1977-81			
	LATITUDE 45 37 17 N LONGITUDE 72 57 03 W LAND DESCRIPTION 030308 DRAINAGE AREA 3 370 km ²								
	TOTAL NUMBER OF SAMPLES		908			348			
	REMARK(S) - REGULATED		- DATA CONTRIBUTED BY 740						
020G002	YAMASKA (RIVIERE) A FARNHAM	M-MS	1968-79			1977-79			
	LATITUDE 45 18 57 N LONGITUDE 72 57 57 W LAND DESCRIPTION 030302 DRAINAGE AREA 1 270 km ²								
	TOTAL NUMBER OF SAMPLES		919			84			
	REMARK(S) - REGULATED		- DATA CONTRIBUTED BY 740						
020G010	YAMASKA (RIVIERE) EN AVAL DU BARRAGE A SAINT-HYACINTHE	M-MS	1975-76						
	LATITUDE 45 37 18 N LONGITUDE 72 56 22 W LAND DESCRIPTION 030334 DRAINAGE AREA 3 370 km ²								
	TOTAL NUMBER OF SAMPLES		8						
	REMARK(S) - REGULATED		- DATA CONTRIBUTED BY 740						
020G007	YAMASKA NORD (RIVIERE) A VAL-SHEPPARD	M-MS	1969-73						
	LATITUDE 45 21 57 N LONGITUDE 72 31 20 W LAND DESCRIPTION 030308 DRAINAGE AREA 153 km ²								
	TOTAL NUMBER OF SAMPLES		473						
	REMARK(S) - NATURAL FLOW		- DATA CONTRIBUTED BY 740						
020G011	YAMASKA NORD (RIVIERE) PRES DE WARDEN	M-MS	1975						
	LATITUDE 45 23 02 N LONGITUDE 72 30 06 W LAND DESCRIPTION 030335 DRAINAGE AREA 87.1 km ²								
	TOTAL NUMBER OF SAMPLES		5						
	REMARK(S) - REGULATED		- DATA CONTRIBUTED BY 740						
020G014	YAMASKA SUD-EST (RIVIERE) A COWANSVILLE ROUTE NO. 202	M-MS	1975-76						
	LATITUDE 45 12 24 N LONGITUDE 72 44 53 W LAND DESCRIPTION 030314 DRAINAGE AREA 209 km ²								
	TOTAL NUMBER OF SAMPLES		7						
	REMARK(S) - REGULATED		- DATA CONTRIBUTED BY 740						

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STATION NO.	NAME	TYPE OF OPERATION	CONC DATA	LOADS	SUSPENDED SEDIMENT		BED LOAD		BED MATERIAL
					DISS. SOLIDS	WATER TEMP.	PARTICLE SIZE POINT DEPTH	VOLUME OR LOADS	PARTICLE SIZE
02DGO16	YAMASKA SUD-OUEST (RIVIERE) AU PONT-ROUTE A HONOREVILLE	M-MS	1977-81			1978-80			
	LATITUDE 45 22 35 N LONGITUDE 73 01 50 W LAND DESCRIPTION 030322 DRAINAGE AREA 97.6 km ²								
	TOTAL NUMBER OF SAMPLES		387			25			
	REMARK(S) - NATURAL FLOW		- DATA CONTRIBUTED BY 740						
01BH002	YORK (RIVIERE) A SUNNY BANK	M-MS	1969-77						
	LATITUDE 48 50 03 N LONGITUDE 84 37 30 W LAND DESCRIPTION 020401 DRAINAGE AREA 1 010 km ²								
	TOTAL NUMBER OF SAMPLES		373						
	REMARK(S) - NATURAL FLOW		- DATA CONTRIBUTED BY 740						

P - PUMP SAMPLING		C - CONTINUOUS OPERATION				V - VOLUMETRIC MEASUREMENT			
M - MANUAL SAMPLING		MS - MISCELLANEOUS OPERATION							
D - DUAL PUMP AND MANUAL SAMPLING		S - SEASONAL OPERATION				SEE INTRODUCTION FOR CONTRIBUTING AGENCIES			

STATION NO.	NAME	TYPE OF OPERATION	CONC DATA	SUSPENDED SEDIMENT		BED LOAD		BED MATERIAL PARTICLE SIZE
				LOADS	DISS. SOLIDS	WATER TEMP.	PARTICLE SIZE POINT DEPTH	
OSNF010	ANTLER RIVER NEAR WAUCHOPE	M-MS	1984-86		1984-86	1984-86		
	LATITUDE 49 35 03 N							
	LONGITUDE 101 50 52 W							
	LAND DESCRIPTION NW24-07-33-W1							
	DRAINAGE AREA 351 km ²							
	TOTAL NUMBER OF SAMPLES		17		14	17		
	REMARK(S) - NATURAL FLOW							
OSND004	ASSINIBOINE RIVER AT KAMSACK	M-S	1989-77	1989-77	1989-70	1989-77		
	LATITUDE 51 32 53 N	M-S	1978-79	1978-79	1978-79	1978-79		
	LONGITUDE 101 54 58 W							
	LAND DESCRIPTION SW03-30-32-W1							
	DRAINAGE AREA 12 900 km ²							
	TOTAL NUMBER OF SAMPLES		616		273	824		
	REMARK(S) - REGULATED							
OSFF001	BATTLE RIVER AT BATTLEFORD	M-S	1979	1979	1979	1979	1979	
	LATITUDE 52 44 07 N	M-MS	1980-84		1980-84	1980-84	1980-83	
	LONGITUDE 104 20 09 W	M-MS	1985		1985	1985	1985	
	LAND DESCRIPTION NE26-43-17-W3							
	DRAINAGE AREA 30 000 km ²							
	TOTAL NUMBER OF SAMPLES		67		67	67	19	
	REMARK(S) - NATURAL FLOW							
OSAD001	BEAVER RIVER NEAR DORINTOSH	M-MS	1979-85		1979-85	1979-85	1980	
	LATITUDE 54 17 47 N							
	LONGITUDE 108 36 16 W							
	LAND DESCRIPTION NW23-51-18-W3							
	DRAINAGE AREA 20 500 km ²							
	TOTAL NUMBER OF SAMPLES		50		50	50	1	
	REMARK(S) - NATURAL FLOW							
OSEF005	BIG GULLY CREEK NEAR MAIDSTONE	M-MS	1984-85		1984-85	1984-85		
	LATITUDE 53 14 39 N							
	LONGITUDE 109 17 45 W							
	LAND DESCRIPTION NW22-49-23-W3							
	DRAINAGE AREA 1 820 km ²							
	TOTAL NUMBER OF SAMPLES		16		16	16		
	REMARK(S) - NATURAL FLOW							
OSKB005	BURNTOOT BROOK NEAR ARBORFIELD	M-MS	1972		1972			
	LATITUDE 53 06 16 N	M-MS	1974-75		1974		1975	
	LONGITUDE 103 40 45 W	M-S	1976	1976			1976	
	LAND DESCRIPTION SW03-48-12-W2	M-MS	1977-80		1977-80	1977-80	1977-80	
	DRAINAGE AREA 305 km ²	M-MS	1982		1982	1982	1982	
		M-S	1983-86	1983-86	1983-86	1983-86	1983-86	
	TOTAL NUMBER OF SAMPLES		161		110	118	33	
	REMARK(S) - REGULATED							
OSKB003	CARROT RIVER NEAR ARMLEY	M-MS	1972					
	LATITUDE 53 08 11 N	M-MS	1974-75				1974-75	
	LONGITUDE 104 01 16 W	M-S	1976	1976			1976	
	LAND DESCRIPTION SW17-48-14-W2	M-MS	1977-78		1977-78	1977-78	1978	
	DRAINAGE AREA 4 400 km ²	M-S	1979	1979	1979	1979	1979	
		M-MS	1980		1980	1980	1980	
		M-MS	1982		1982	1982	1982	
		M-MS	1984-85		1984-85	1984-85	1984-85	
	TOTAL NUMBER OF SAMPLES		77		58	57	21	
	REMARK(S) - NATURAL FLOW							
OSKA001	CARROT RIVER NEAR KINISTINO	M-MS	1972		1972			
	LATITUDE 52 56 56 N							
	LONGITUDE 105 00 18 W							
	LAND DESCRIPTION SE28-45-21-W2							
	DRAINAGE AREA 1 170 km ²							
	TOTAL NUMBER OF SAMPLES		3		2	3		
	REMARK(S) - REGULATED							
OSKC001	CARROT RIVER NEAR SMOKY BURN	M-S	1972	1972		1972		
	LATITUDE 53 25 00 N	M-MS	1973		1973		1973	
	LONGITUDE 103 04 30 W	M-S	1974	1974		1974	1974	
	LAND DESCRIPTION SE20-51-08-W2	D-S	1975-78	1975-78	1977-78	1975-78	1975-78	
	DRAINAGE AREA 9 250 km ²	M-S	1979	1979	1979	1979	1979	
		M-MS	1982		1982	1982	1982	
	TOTAL NUMBER OF SAMPLES		282		93	41	10	
	REMARK(S) - NATURAL FLOW							

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V - VOLUMETRIC MEASUREMENT
SEE INTRODUCTION FOR CONTRIBUTING AGENCIES

STATION NO	NAME	TYPE OF OPERATION	CONC DATA	LOADS	SUSPENDED SEDIMENT			BED LOAD		BED MATERIAL PARTICLE SIZE
					DISS SOLIDS	WATER TEMP	PARTICLE SIZE POINT DEPTH	VOLUME OR LOADS	PARTICLE SIZE	
OSKCO02	CONNELL CREEK NEAR CONNELL CREEK	M-MS M-MS M-MS	1977 1979-81 1985		1977 1979-81 1985	1977 1979-81 1985			1979-80 1985	
	LATITUDE 53 13 13 N LONGITUDE 103 25 30 W LAND DESCRIPTION SE17-49-10-W2 DRAINAGE AREA 354 km ²									
	TOTAL NUMBER OF SAMPLES		31		31	28			8	
	REMARK(S) - NATURAL FLOW									
OSJFO11	COTTONWOOD CREEK NEAR LUMSDEN	M-S M-MS	1982-83 1985-88	1982-83	1982-83 1985-88	1982-83 1985-88			1982 1985	
	LATITUDE 50 35 26 N LONGITUDE 104 54 31 W LAND DESCRIPTION SW07-19-21-W2 DRAINAGE AREA 615 km ²									
	TOTAL NUMBER OF SAMPLES		24		24	24			3	
	REMARK(S) - NATURAL FLOW									
OSJMO15	CUTARM CREEK NEAR SPY HILL	M-MS M-MS M-S M-MS	1971 1973 1974 1975-79	1974	1971 1973 1974 1975-79	1973 1974 1975-79				
	LATITUDE 50 35 27 N LONGITUDE 101 44 34 W LAND DESCRIPTION NW31-18-31-W1 DRAINAGE AREA 766 km ²									
	TOTAL NUMBER OF SAMPLES		52		17	47				
	REMARK(S) - REGULATED SINCE 1967									
11AB078	CYPRESS LAKE WEST INFLOW CANAL	M-MS	1979		1979	1979				
	LATITUDE 49 28 18 N LONGITUDE 109 37 08 W LAND DESCRIPTION SE18-06-27-W3 DRAINAGE AREA km ²									
	TOTAL NUMBER OF SAMPLES		1		1	1				
	REMARK(S) - REGULATED - INTERNATIONAL GAUGING STATION									
11AB077	CYPRESS LAKE WEST OUTFLOW CANAL	M-MS	1979		1979	1979				
	LATITUDE 49 28 14 N LONGITUDE 109 35 18 W LAND DESCRIPTION SW18-06-27-W3 DRAINAGE AREA km ²									
	TOTAL NUMBER OF SAMPLES		1		1	1				
	REMARK(S) - REGULATED - INTERNATIONAL GAUGING STATION									
OSKBO09	DOGHIDE RIVER BELOW TISDALE	M-MS	1978-78		1978	1978			1978	
	LATITUDE 52 52 23 N LONGITUDE 104 02 17 W LAND DESCRIPTION SE13-45-15-W2 DRAINAGE AREA 396 km ²									
	TOTAL NUMBER OF SAMPLES		14		7				1	
	REMARK(S) - NATURAL FLOW									
OSKBO11	DOGHIDE RIVER NEAR RUNCIMAN	M-MS M-S M-MS	1977 1979-81 1982-85	1979-81	1977 1979-81 1982-85	1977 1979-81 1982-85			1977 1979-80 1982	
	LATITUDE 52 58 15 N LONGITUDE 104 04 55 W LAND DESCRIPTION NW14-45-15-W2 DRAINAGE AREA 440 km ²									
	TOTAL NUMBER OF SAMPLES		45		43	45			8	
	REMARK(S) - NATURAL FLOW									
OSGCC06	EAGLE CREEK NEAR ENVIRON	M-MS M-S M-MS	1975 1976 1977-80	1976	1975 1976 1978-80	1975 1976 1977-80			1976	
	LATITUDE 52 13 50 N LONGITUDE 107 22 40 W LAND DESCRIPTION SW04-38-10-W3 DRAINAGE AREA 11 900 km ²									
	TOTAL NUMBER OF SAMPLES		29		14	29			1	
	REMARK(S) - REGULATED									
OSJMO10	EKAPO CREEK NEAR MARIEVAL	M-MS M-S M-MS M-S M-MS	1973 1974 1975 1976 1977-79	1974	1973 1974 1975 1976 1978-79	1973 1974 1975 1976 1977-79			1976	
	LATITUDE 50 31 47 N LONGITUDE 102 42 37 W DRAINAGE AREA 1 100 km ²									
	TOTAL NUMBER OF SAMPLES		37		12	37			1	
	REMARK(S) - NATURAL FLOW									

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STATION NO	NAME	TYPE OF OPERATION	CONC DATA	SUSPENDED SEDIMENT			BED LOAD		BEG MATERIAL PARTICLE SIZE
				LOADS	DISS SOLIDS	WATER TEMP	PARTICLE SIZE POINT DEPTH	VOLUME OR LOADS	PARTICLE SIZE
05L8002	ETOHAMI RIVER NEAR BERTWELL	M-MS	1984-86		1984-86	1984-86	1985		
	LATITUDE 52 35 32 N LONGITUDE 102 33 54 W LAND DESCRIPTION NE06-42-04-W2 DRAINAGE AREA 2 050 km ²								
	TOTAL NUMBER OF SAMPLES		33		30	33			3
	REMARK(S) - NATURAL FLOW								
11AC041	FRENCHMAN RIVER AT INTERNATIONAL BOUNDARY	M-MS D-S M-MS	1971-72 1973-77 1978 1985-86		1971 1973-77 1978 1985-86	1972 1973-77 1978 1985-86			1973-76 1978 1985-86
	LATITUDE 49 00 00 N LONGITUDE 107 18 05 W LAND DESCRIPTION SE05-01-10-W3 DRAINAGE AREA 5 510 km ²								
	TOTAL NUMBER OF SAMPLES		377		26	100			13
	REMARK(S) - REGULATED SINCE 1937								
11AC051	FRENCHMAN RIVER BELOW VAL MARIE	M-MS	1972		1972	1972			
	LATITUDE 49 11 50 N LONGITUDE 107 41 17 W LAND DESCRIPTION NE09-03-13-W3 DRAINAGE AREA 4 470 km ²								
	TOTAL NUMBER OF SAMPLES		6		2	6			
	REMARK(S) - REGULATED SINCE 1937								
05NF013	CAINSBOROUGH CREEK NEAR STORTHOAKS	M-MS M-MS	1974 1976			1974			1976
	LATITUDE 49 24 51 N LONGITUDE 101 31 36 W LAND DESCRIPTION NW19-05-30-W1 DRAINAGE AREA 712 km ²								
	TOTAL NUMBER OF SAMPLES		3			2			1
	REMARK(S) - NATURAL FLOW								
05HA072	CAP CREEK ABOVE JUNCTION RESERVOIR	M-MS	1972			1972			
	LATITUDE 49 54 08 N LONGITUDE 109 34 41 W LAND DESCRIPTION SE14-11-27-W3 DRAINAGE AREA 582 km ²								
	TOTAL NUMBER OF SAMPLES		4		2	4			
	REMARK(S) - REGULATED								
05KA009	GOOSEHUNTING CREEK NEAR BEATTY	M-MS	1972			1972			
	LATITUDE 52 54 28 N LONGITUDE 104 50 18 W LAND DESCRIPTION NE28-45-20-W2 DRAINAGE AREA 510 km ²								
	TOTAL NUMBER OF SAMPLES		5		2	5			
	REMARK(S) - REGULATED								
06BD001	HAULTAIN RIVER ABOVE NORBERT RIVER	M-MS	1983		1983	1983			
	LATITUDE 55 14 40 N LONGITUDE 105 23 40 W DRAINAGE AREA 3 680 km ²								
	TOTAL NUMBER OF SAMPLES		2		2	2			
	REMARK(S) - NATURAL FLOW								
05JL002	INDIANHEAD CREEK NEAR INDIAN HEAD	M-MS M-MS M-MS	1970-71 1973-76 1978-80		1970-71 1973-76 1978-80	1971 1973-76 1978-80			1976 1979-80
	LATITUDE 50 38 42 N LONGITUDE 103 38 14 W LAND DESCRIPTION NW22-19-12-W2 DRAINAGE AREA 327 km ²								
	TOTAL NUMBER OF SAMPLES		48		25	30			3
	REMARK(S) - NATURAL FLOW								

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STATION NO.	NAME	TYPE OF OPERATION	CONC. DATA	SUSPENDED SEDIMENT			BED LOAD		BED MATERIAL PARTICLE SIZE
				LOADS	DISS. SOLIDS	WATER TEMP	PARTICLE SIZE POINT	VOLUME OR LOADS	PARTICLE SIZE
OSNB014	JEWEL CREEK NEAR GODDWATER	M-S M-MS	1974-78 1978-78	1974-78	1978-78	1978-78			
	LATITUDE 49 23 10 N LONGITUDE 103 42 42 W LAND DESCRIPTION NE17-05-13-W2 DRAINAGE AREA 209 km ²								
	TOTAL NUMBER OF SAMPLES		33		8	30			
	REMARK(S) - REGULATED								
OSJK004	JUMPING DEER CREEK NEAR LIPTON	M-MS M-MS M-S M-MS	1970 1973-75 1976 1977-78		1970	1973-75 1976 1977			
	LATITUDE 50 55 10 N LONGITUDE 103 53 57 W LAND DESCRIPTION NW33-22-14-W2 DRAINAGE AREA 1 880 km ²								
	TOTAL NUMBER OF SAMPLES		25		4	19			
	REMARK(S) - REGULATED								
OSKB010	LEATHER RIVER BELOW PRESBYTERIAN RIVER	M-MS	1976			1976			1976
	LATITUDE 53 02 26 N LONGITUDE 104 01 33 W LAND DESCRIPTION NE07-47-14-W2 DRAINAGE AREA 1 360 km ²								
	TOTAL NUMBER OF SAMPLES		5			5			1
	REMARK(S) - NATURAL FLOW								
OSKB008	LEATHER RIVER NEAR STAR CITY	M-MS M-MS M-S M-MS	1972 1974-75 1976 1977-78			1972 1976 1977-78			
	LATITUDE 52 50 32 N LONGITUDE 104 14 24 W LAND DESCRIPTION SE03-45-16-W2 DRAINAGE AREA 165 km ²								
	TOTAL NUMBER OF SAMPLES		23		11	20			
	REMARK(S) - NATURAL FLOW								
OSNA003	LONG CREEK AT WESTERN CROSSING OF INTERNATIONAL BOUNDARY	M-S M-MS M-MS	1974 1975-79 1981	1974		1974 1975-79 1981			
	LATITUDE 49 00 01 N LONGITUDE 103 21 08 W LAND DESCRIPTION SE01-01-11-W2 DRAINAGE AREA 3 210 km ²								
	TOTAL NUMBER OF SAMPLES		45		21	35			
	REMARK(S) - REGULATED								
									INTERNATIONAL GAUGING STATION
OSNA004	LONG CREEK NEAR MAXIM	M-MS M-MS	1976-78 1978-79			1976-78 1978-79			
	LATITUDE 49 15 32 N LONGITUDE 103 57 22 W LAND DESCRIPTION NW34-03-15-W2 DRAINAGE AREA 1 790 km ²								
	TOTAL NUMBER OF SAMPLES		30		19	22			
	REMARK(S) - REGULATED								
OSJA003	MCDONALD CREEK NEAR MCCORD	M-MS M-MS	1982-83 1986			1982-83 1986			
	LATITUDE 49 28 14 N LONGITUDE 106 50 05 W LAND DESCRIPTION SW01-06-07-W3 DRAINAGE AREA 259 km ²								
	TOTAL NUMBER OF SAMPLES		12		12	10			
	REMARK(S) - NATURAL FLOW								
OSKB001	MELFORT CREEK NEAR MELFORT	M-MS M-MS	1972 1974-78			1972 1976			
	LATITUDE 52 50 28 N LONGITUDE 104 32 28 W LAND DESCRIPTION SW03-45-18-W2 DRAINAGE AREA 417 km ²								
	TOTAL NUMBER OF SAMPLES		18		1	12			
	REMARK(S) - REGULATED								
OSJE001	MOOSE JAW RIVER ABOVE THUNDER CREEK	M-MS M-MS	1969-70 1972			1969-70 1972			1970 1972
	LATITUDE 50 20 48 N LONGITUDE 105 31 49 W LAND DESCRIPTION NW18-18-28-W2 DRAINAGE AREA 5 250 km ²								
	TOTAL NUMBER OF SAMPLES		19		8	18			5
	REMARK(S) - REGULATED								

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STATION NO.	NAME	TYPE OF OPERATION	CONC DATA	SUSPENDED SEDIMENT			BED LOAD		BED MATERIAL PARTICLE SIZE
				LOADS	DISS. SOLIDS	WATER TEMP.	PARTICLE SIZE POINT DEPTH	VOLUME OR LOADS	PARTICLE SIZE
05JEC06	MOOSE JAW RIVER NEAR BURDICK	M-MS	1972		1972	1972			1972
		M-S	1973	1973		1973			
	LATITUDE 50 24 00 N	D-S	1974-78	1974-78	1978	1974-78			1974-78
	LONGITUDE 105 23 50 W	D-S	1979	1979	1979	1979			1979
	LAND DESCRIPTION SE05-17-25-W2	M-S	1980	1980	1980	1980			
	DRAINAGE AREA 9 230 km ²	M-S	1982-83	1982-83	1982-83	1982-83			1982
		M-MS	1984		1984				
	TOTAL NUMBER OF SAMPLES		502		182	149			86
	REMARK(S) - REGULATED								
05JEC04	MOOSE JAW RIVER NEAR ROULEAU	M-MS	1973			1973			
	LATITUDE 50 11 29 N								
	LONGITUDE 104 59 08 W								
	LAND DESCRIPTION NE18-14-22-W2								
	DRAINAGE AREA 2 980 km ²								
	TOTAL NUMBER OF SAMPLES		1			1			
	REMARK(S) - REGULATED								
05ND004	MOOSE MOUNTAIN CREEK NEAR OXBOW	M-S	1974-78	1974-78		1974-78			1978
		M-MS	1977-80		1978-80	1977-80			
	LATITUDE 49 13 58 N								
	LONGITUDE 102 13 41 W								
	LAND DESCRIPTION NW21-03-02-W2								
	DRAINAGE AREA 8 080 km ²								
	TOTAL NUMBER OF SAMPLES		70		25	85			1
	REMARK(S) - REGULATED								
08BC001	MUDJATIK RIVER NEAR FORCIER LAKE	M-MS	1981-82		1981-82	1981-82			
	LATITUDE 58 05 30 N								
	LONGITUDE 107 35 30 W								
	DRAINAGE AREA 8 940 km ²								
	TOTAL NUMBER OF SAMPLES		8		6	6			
	REMARK(S) - NATURAL FLOW								
11AB018	NASHLYN CANAL NEAR CONSUL	M-MS	1979		1979	1979			
	LATITUDE 49 13 58 N								
	LONGITUDE 109 33 27 W								
	LAND DESCRIPTION NE22-03-27-W3								
	DRAINAGE AREA km ²								
	TOTAL NUMBER OF SAMPLES		1		1	2			
	REMARK(S) - REGULATED								
									INTERNATIONAL GAUGING STATION
05CG001	NORTH SASKATCHEWAN RIVER AT PRINCE ALBERT	M-S	1958	1958	1958	1958			1958
		M-S	1962	1962	1962	1962			1962
	LATITUDE 53 12 10 N	M-C	1963-68	1963-68	1963-68	1963-68	1963-67	1963-68	1963-68
	LONGITUDE 105 46 06 W	M-C	1969-70	1969-70	1969-70	1969-70	1969-70	1969-70	1969
	DRAINAGE AREA 131 000 km ²	M-C	1971-72	1971-72		1971-72	1971-72	1971	1971-72
		M-C	1973-78	1973-78		1973-78		1973-74	1973-78
		M-MS	1978			1978			
		M-C	1977-78	1977-78	1977-78	1977-78		1977-78	1977-78
		M-S	1979-82	1979-82	1979-82	1979-82	1980	1980-82	1979-80
		M-S	1983-84	1983-84	1983-84	1983-84	1983-84	1983	
		M-S	1985-86	1985-86	1985-86	1985-86	1985	1985-86	
	TOTAL NUMBER OF SAMPLES		2381		1703	2262	421	238	81
	REMARK(S) - REGULATED SINCE 1962								
05CG001	NORTH SASKATCHEWAN RIVER NEAR BORDEN	M-S	1955-57				1955	1955-57	1955
	LATITUDE 52 22 23 N								
	LONGITUDE 107 08 58 W								
	LAND DESCRIPTION NW19-39-08-W3								
	DRAINAGE AREA 119 000 km ²								
	TOTAL NUMBER OF SAMPLES		124				18	42	1
	REMARK(S) - NATURAL FLOW								
									DATA CONTRIBUTED BY SOO
05LD003	OVERFLOWING RIVER NEAR HUDSON BAY	M-MS	1984-86		1984-86	1984-86			
	LATITUDE 53 01 51 N								
	LONGITUDE 102 18 58 W								
	LAND DESCRIPTION SW12-47-03-W2								
	DRAINAGE AREA 350 km ²								
	TOTAL NUMBER OF SAMPLES		29		26	28			
	REMARK(S) - NATURAL FLOW								

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STATION NO	NAME	TYPE OF OPERATION	CONC DATA	LOADS	SUSPENDED SEDIMENT		WATER TEMP	PARTICLE SIZE		BED LOAD		BED MATERIAL PARTICLE SIZE
					DISS SOLIDS			POINT	DEPTH	VOLUME OR LOADS	PARTICLE SIZE	
OSJL005	PHEASANT CREEK NEAR ASERNETHY	M-MS M-MS	1970-71 1973-77		1970-71 1973-77		1971 1973-77					
	LATITUDE 50 44 00 N LONGITUDE 103 18 41 W LAND DESCRIPTION NW22-20-10-W2 DRAINAGE AREA 1 150 km ²											
	TOTAL NUMBER OF SAMPLES		29		7		30					
	REMARK(S) - REGULATED											
OSJA004	PINTO CREEK NEAR WOODROW	M-S M-MS	1982 1983	1982	1982 1983		1982 1983					
	LATITUDE 49 39 53 N LONGITUDE 106 43 30 W LAND DESCRIPTION NW23-08-08-W3 DRAINAGE AREA 1 870 km ²											
	TOTAL NUMBER OF SAMPLES		12		10		112					
	REMARK(S) - NATURAL FLOW											
OSNE001	PIPESTONE CREEK NEAR WOODSDEN	M-MS	1973				1973					
	LATITUDE 50 02 40 N LONGITUDE 101 40 33 W LAND DESCRIPTION NW28-12-31-W1 DRAINAGE AREA 3 550 km ²											
	TOTAL NUMBER OF SAMPLES		2				2					
	REMARK(S) - REGULATED											
OSKB013	PRESBYTERIAN RIVER ABOVE LEATHER RIVER	M-MS M-MS	1972 1976		1972		1972 1976					1976
	LATITUDE 53 01 00 N LONGITUDE 104 01 12 W DRAINAGE AREA km ²											
	TOTAL NUMBER OF SAMPLES		10		5		10					
	REMARK(S) - NATURAL FLOW											
OSJG004	QU'APPELLE RIVER ABOVE BUFFALO POUND LAKE	M-MS	1972				1972					
	LATITUDE 50 47 00 N LONGITUDE 106 49 31 W LAND DESCRIPTION NE18-31-28-W2 DRAINAGE AREA 2 830 km ²											
	TOTAL NUMBER OF SAMPLES		10				7					
	REMARK(S) - REGULATED SINCE 1988											
OSJM003	QU'APPELLE RIVER AT TANTALON	M-MS	1974				1974					
	LATITUDE 50 31 58 N LONGITUDE 101 50 30 W LAND DESCRIPTION NW09-18-32-W1 DRAINAGE AREA 49 200 km ²											
	TOTAL NUMBER OF SAMPLES		7				7					
	REMARK(S) - REGULATED											
OSJFG01	QU'APPELLE RIVER NEAR LUMSDEN	M-MS M-MS M-MS M-MS M-MS M-S	1970 1974-75 1976 1977 1978-81 1982		1970		1970 1974-75 1976 1977 1978-81 1982					1970 1975 1976 1977 1978-80 1982
	LATITUDE 50 38 16 N LONGITUDE 104 51 08 W LAND DESCRIPTION NE33-19-31-W2 DRAINAGE AREA 18 300 km ²											
	TOTAL NUMBER OF SAMPLES		136		93		118					22
	REMARK(S) - REGULATED											
OSJMD01	QU'APPELLE RIVER NEAR WELBY	M-MS M-MS M-MS	1975-81 1982-84 1985-86		1975-81 1982-84 1985-86		1975-81 1982-84 1985-86					1976 1982-83 1985-86
	LATITUDE 50 39 28 N LONGITUDE 101 33 28 W LAND DESCRIPTION SW23-17-30-W1 DRAINAGE AREA 50 900 km ²											
	TOTAL NUMBER OF SAMPLES		111		89		93					7
	REMARK(S) - REGULATED											
OSLC001	RED DEER RIVER NEAR ERWOOD	M-MS	1980-86		1980-86		1980-86					1985-86
	LATITUDE 52 51 36 N LONGITUDE 102 11 39 W LAND DESCRIPTION SW11-45-02-W2 DRAINAGE AREA 11 000 km ²											
	TOTAL NUMBER OF SAMPLES		52		54		58					7
	REMARK(S) - NATURAL FLOW											

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STATION NO	NAME	TYPE OF OPERATION	CONC DATA	LOADS	SUSPENDED SEDIMENT		WATER TEMP	PARTICLE SIZE		BED LOAD		BED MATERIAL PARTICLE SIZE
					DISS SOLIDS			POINT	DEPTH	VOLUME OR LOADS	PARTICLE SIZE	
OSKDD05	SASKATCHEWAN RIVER ABOVE SIPANOK CHANNEL	M-S	1954-55	1954-55			1954	1954-55	1954-55			1954-55
	LATITUDE 53 42 50 N LONGITUDE 103 16 00 W DRAINAGE AREA 287 000 km ²											
	TOTAL NUMBER OF SAMPLES		113				13	182	100			4
	REMARK(S) -		- DATA CONTRIBUTED BY SGO									
OSKDD01	SASKATCHEWAN RIVER AT WIPAWIN	M-S	1957-58	1957-58			1958		1957			
	LATITUDE 53 22 00 N LONGITUDE 104 02 20 W LAND DESCRIPTION NW31-50-14-W2 DRAINAGE AREA 287 000 km ²											
	TOTAL NUMBER OF SAMPLES		223				77		22			
	REMARK(S) - REGULATED		- DATA CONTRIBUTED BY SGO									
OSKH010	SASKATCHEWAN RIVER BELOW CUMBERLAND HOUSE	M-S	1954-55	1954-55			1954-55	1954	1954-55			1954-55
	LATITUDE 52 53 00 N LONGITUDE 101 58 00 W DRAINAGE AREA 338 000 km ²											
	TOTAL NUMBER OF SAMPLES		42				10	44	7			2
	REMARK(S) -		- DATA CONTRIBUTED BY SGO									
OSKDD03	SASKATCHEWAN RIVER BELOW TOBIN LAKE	M-S M-C M-S M-C M-S M-S M-S	1965 1966 1967-68 1967-68 1969-70 1969-70 1971	1965 1966 1967-68 1967-68 1969-70 1969-70 1971	1965 1966 1967-68 1967-68 1969-70 1969-70 1971	1965 1966 1967-68 1967-68 1969-70 1969-70 1971						
	LATITUDE 53 42 10 N LONGITUDE 103 17 50 W LAND DESCRIPTION SW32-54-09-W2 DRAINAGE AREA 289 000 km ²											
	TOTAL NUMBER OF SAMPLES		180		161	145						
	REMARK(S) - REGULATED											
OSKH009	SASKATCHEWAN RIVER OLD CHANNEL	M-MS M-MS	1973-75 1975-77				1972-74 1975-77					
	LATITUDE 53 48 50 N LONGITUDE 102 58 20 W LAND DESCRIPTION NE04-56-07-W2 DRAINAGE AREA km ²											
	TOTAL NUMBER OF SAMPLES		21		5	18						
	REMARK(S) - REGULATED											
OSNB021	SHORT CREEK NEAR ROCHE PERCEE	M-S M-MS	1974-78 1977-81	1974-78			1974-78 1977-81			1978		1978
	LATITUDE 49 01 52 N LONGITUDE 102 50 57 W LAND DESCRIPTION SW14-01-07-W2 DRAINAGE AREA 1 210 km ²											
	TOTAL NUMBER OF SAMPLES		87		27	87			2			
	REMARK(S) - REGULATED		- INTERNATIONAL GAUGING STATION									
OSNR001	SOURIS RIVER NEAR GLEN EWEEN	M-S M-MS M-S M-MS M-S M-MS	1974 1975 1976 1977-78 1979 1980-84	1974			1974 1975 1976 1977-78 1979 1980-84					
	LATITUDE 49 11 02 N LONGITUDE 102 01 42 W LAND DESCRIPTION NW01-03-01-W2 DRAINAGE AREA 22 100 km ²											
	TOTAL NUMBER OF SAMPLES		108		55	104						
	REMARK(S) - REGULATED											
OSNB017	SOURIS RIVER NEAR HALBRITTE	M-S M-MS	1975-78 1977-80	1975-78			1975-78 1977-80			1978-79 1979		
	LATITUDE 49 29 27 N LONGITUDE 103 39 44 W LAND DESCRIPTION NW23-08-13-W2 DRAINAGE AREA 3 190 km ²											
	TOTAL NUMBER OF SAMPLES		47		22	39			9			
	REMARK(S) - REGULATED											
OSNE001	SOUTH SASKATCHEWAN RIVER AT SASKATOON	M-S M-C M-S M-MS	1981 1982-88 1989-71 1975	1981 1982-88 1989-71 1975	1981 1982-88 1989-71 1975	1981 1982-88 1989-71 1975	1981 1982-88 1989-71 1975	1981 1982-88 1989-71 1975	1981 1982-88 1989-71 1975	1981 1982-88 1989-71 1975	1981 1982-88 1989-71 1975	1981 1982-88 1989-71 1975
	LATITUDE 52 04 26 N LONGITUDE 104 34 40 W LAND DESCRIPTION NW34-28-05-W3 DRAINAGE AREA 141 000 km ²											
	TOTAL NUMBER OF SAMPLES		938		910	760		144	45			26
	REMARK(S) - REGULATED											

P - PUMP SAMPLING

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C - CONTINUOUS OPERATION

MS - MISCELLANEOUS OPERATION

S - SEASONAL OPERATION

V - VOLUMETRIC MEASUREMENT

SEE INTRODUCTION FOR CONTRIBUTING AGENCIES

STATION NO.	NAME	TYPE OF OPERATION	CONC. DATA	SUSPENDED SEDIMENT			BED LOAD		BED MATERIAL PARTICLE SIZE
				LOADS	DISS. SOLIDS	WATER TEMP	PARTICLE SIZE POINT	DEPTH	
OSHB001	SOUTH SASKATCHEWAN RIVER NEAR LEMS FORD	M-S M-C M-MS	1961 1962-70 1971 1975	1961 1962-70 1962-70 1962-70 1963-70 1962-70	1961 1962-70 1962-70 1962-70 1963-70 1962-70	1961 1962-70 1971 1975	1961 1962-70 1962-70 1962-70 1963-70 1962-70	1961 1962-70 1962-70 1962-70 1963-70 1962-70	1961 1962-70 1962-70 1962-70 1963-70 1962-70
	LATITUDE 51 01 20 N LONGITUDE 109 07 30 W LAND DESCRIPTION SW10-24-23-W3 DRAINAGE AREA 119 000 km ²								
	TOTAL NUMBER OF SAMPLES		1109		1058	665	356	195	50
	REMARK(S) - REGULATED								
OSHF001	SOUTH SASKATCHEWAN RIVER NEAR OUTLOOK	M-S M-S	1948-52 1955-61	1948-52 1955-61	1948-52 1955-61	1958-80 1955	1948-52 1955-61	1948-52 1955-61	1955
	LATITUDE 51 28 25 N LONGITUDE 107 04 40 W LAND DESCRIPTION SW16-29-08-W3 DRAINAGE AREA 136 000 km ²								
	TOTAL NUMBER OF SAMPLES		530			222	23	256	1
	REMARK(S) - REGULATED			- DATA CONTRIBUTED BY 500					
OSGG002	SPRUCE (LITTLE RED) RIVER NEAR PRINCE ALBERT	M-MS	1971		1971				
	LATITUDE 53 13 17 N LONGITUDE 105 43 15 W LAND DESCRIPTION SW26-49-26-W2 DRAINAGE AREA 1 670 km ²								
	TOTAL NUMBER OF SAMPLES		1		1				
	REMARK(S) - NATURAL FLOW								
OSGF002	STURGEON RIVER NEAR PRINCE ALBERT	M-MS	1984-86		1984-86	1984-86		1985	
	LATITUDE 53 12 47 N LONGITUDE 105 53 06 W LAND DESCRIPTION NE08-49-27-W2 DRAINAGE AREA 5 100 km ²								
	TOTAL NUMBER OF SAMPLES		34		31	34		2	
	REMARK(S) - NATURAL FLOW								
OSLE008	SWAN RIVER NEAR NORQUAY	M-MS M-MS	1981-84 1985-86		1981-84 1985-86	1981-84 1985-86		1982-83 1985	
	LATITUDE 51 59 52 N LONGITUDE 102 04 28 W LAND DESCRIPTION NW10-35-01-W2 DRAINAGE AREA 1 920 km ²								
	TOTAL NUMBER OF SAMPLES		42		42	41		6	
	REMARK(S) - NATURAL FLOW								
OSKB012	SWEETWATER CREEK NEAR STAR CITY	M-MS	1976		1972	1972 1976			
	LATITUDE 52 50 30 N LONGITUDE 104 22 19 W LAND DESCRIPTION NW35-44-17-W2 DRAINAGE AREA km ²								
	TOTAL NUMBER OF SAMPLES		8		1	8			
	REMARK(S) -								
OSND034	SWIFT CURRENT CANAL AT SWIFT CURRENT	M-MS	1972			1972			
	LATITUDE 50 16 03 N LONGITUDE 107 46 43 W LAND DESCRIPTION SE19-15-13-W3 DRAINAGE AREA km ²								
	TOTAL NUMBER OF SAMPLES		2			2			
	REMARK(S) - REGULATED								
OSND007	SWIFT CURRENT CREEK AT SWIFT CURRENT	M-MS	1972			1972			
	LATITUDE 50 16 50 N LONGITUDE 107 46 40 W LAND DESCRIPTION SE30-15-13-W3 DRAINAGE AREA 3 280 km ²								
	TOTAL NUMBER OF SAMPLES		5		2	5			
	REMARK(S) - REGULATED SINCE 1942								

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V - VOLUMETRIC MEASUREMENT
SEE INTRODUCTION FOR CONTRIBUTING AGENCIES

STATION NO.	NAME	TYPE OF OPERATION	CONC. DATA	SUSPENDED SEDIMENT			BED LOAD		BED MATERIAL PARTICLE SIZE
				LOADS	DISS. SOLIDS	WATER TEMP.	PARTICLE SIZE POINT	VOLUME OR LOADS	
OSHD030	SWIFT CURRENT CREEK BELOW PELLETIER CREEK	M-MS	1972			1972			
	LATITUDE 50 03 53 N LONGITUDE 107 53 47 W LAND DESCRIPTION NE07-14-14-W3 DRAINAGE AREA 2 910 km ²								
	TOTAL NUMBER OF SAMPLES		2		1	2			
	REMARK(S) - REGULATED SINCE 1942								
OSHD036	SWIFT CURRENT CREEK BELOW ROCK CREEK	M-MS	1974-81		1976-81	1974-81			
	LATITUDE 49 50 39 N LONGITUDE 108 28 48 W LAND DESCRIPTION SW26-10-19-W3 DRAINAGE AREA 1 430 km ²								
	TOTAL NUMBER OF SAMPLES		53		21	44			
	REMARK(S) - NATURAL FLOW								
OSHD039	SWIFT CURRENT CREEK NEAR LEINAH	M-MS	1973			1973			
	LATITUDE 50 29 38 N LONGITUDE 107 29 31 W LAND DESCRIPTION NE01-18-13-W3 DRAINAGE AREA 3 730 km ²	D-MS D-S M-MS D-S M-S M-MS	1974 1975 1975 1977-78 1980 1981-82	1975		1974 1975 1976 1977-78 1980 1981-82	1975		
	TOTAL NUMBER OF SAMPLES		298		95	86	2		
	REMARK(S) - REGULATED								
OSHD037	SWIFT CURRENT CREEK NEAR THE MOUTH	M-S M-MS	1965-72 1973	1965-72	1965-71	1965-72 1973	1965-72		1969
	LATITUDE 50 38 05 N LONGITUDE 107 43 22 W LAND DESCRIPTION SE15-18-13-W3 DRAINAGE AREA 3 910 km ²								
	TOTAL NUMBER OF SAMPLES		556		474	427	77		1
	REMARK(S) - REGULATED SINCE 1942								
OSJF012	WASCANA CREEK BELOW KRONAU MARSH	M-S	1979	1979	1979	1979			
	LATITUDE 50 21 07 N LONGITUDE 104 28 03 W LAND DESCRIPTION NE17-18-18-W2 DRAINAGE AREA 2 980 km ²								
	TOTAL NUMBER OF SAMPLES		12		12	6			
	REMARK(S) - REGULATED								
	- DATA CONTRIBUTED BY S45								
OSJF005	WASCANA CREEK NEAR LUMSDEN	M-MS			1969				
	LATITUDE 50 38 10 N LONGITUDE 104 54 35 W LAND DESCRIPTION SW30-19-21-W2 DRAINAGE AREA 4 620 km ²	M-MS M-S M-MS M-S	1973-74 1975-76 1977 1978-80	1975-76		1973-74 1975-76 1977 1978-80	1975-76 1977 1978-80		
	TOTAL NUMBER OF SAMPLES		92		48	74	11		
	REMARK(S) - REGULATED								
OSJF009	WASCANA CREEK NEAR RICHARDSON	M-C	1962-83	1962-83	1962				
	LATITUDE 50 23 51 N LONGITUDE 104 39 13 W LAND DESCRIPTION NE36-18-19-W2 DRAINAGE AREA 3 130 km ²	M-S M-S M-S M-S M-MS	1964-66 1967-70 1971-72 1974-75 1976	1964-66 1967-70 1967-70 1971-72 1974-75	1964-66 1967-70 1967-70 1971-72 1976		1964 1967-69 1971 1976		
	TOTAL NUMBER OF SAMPLES		237		142	17	10		
	REMARK(S) - REGULATED								
	- DATA CONTRIBUTED BY S45								
OSAF005	WATERHEN RIVER NEAR GODSOIL	M-S	1978	1978	1978	1978			
	LATITUDE 54 26 45 N LONGITUDE 109 13 21 W LAND DESCRIPTION SW14-83-22-W3 DRAINAGE AREA 7 780 km ²								
	TOTAL NUMBER OF SAMPLES		11		11	10			
	REMARK(S) - NATURAL FLOW								

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SEE INTRODUCTION FOR CONTRIBUTING AGENCIES

STATION NO.	NAME	TYPE OF OPERATION	CONC. DATA	SUSPENDED SEDIMENT			BED LOAD		BED MATERIAL PARTICLE SIZE
				LOADS	DISS. SOLIDS	WATER TEMP.	PARTICLE SIZE POINT	DEPTH	
OSKE005	WHITE FOX RIVER NEAR GARRICK	M-MS	1972						
	LATITUDE 53 25 20 N LONGITUDE 104 20 30 W LAND DESCRIPTION SE30-51-16-W2 DRAINAGE AREA 1 870 km ²								
	TOTAL NUMBER OF SAMPLES		3		1				
	REMARK(S) - NATURAL FLOW								
OSNB003	WHITESAND RIVER NEAR CANDRA	M-MS	1979		1979	1979			
	LATITUDE 51 38 11 N LONGITUDE 102 22 11 W LAND DESCRIPTION NE28-30-03-W2 DRAINAGE AREA 8 740 km ²								
	TOTAL NUMBER OF SAMPLES		4		4	4			
	REMARK(S) - REGULATED								
07NAD04	WILLIAM RIVER ABOVE CARSWELL RIVER	M-MS	1982		1982	1982			
	LATITUDE 58 48 50 N LONGITUDE 109 00 10 W DRAINAGE AREA 4 030 km ²								
	TOTAL NUMBER OF SAMPLES		2		2	1			
	REMARK(S) - NATURAL FLOW								
05JCO01	WIWA CREEK NEAR GRAVELBOURG	M-MS	1972			1972			
	LATITUDE 50 02 14 N LONGITUDE 106 32 58 W LAND DESCRIPTION SW31-12-04-W3 DRAINAGE AREA 1 560 km ²								
	TOTAL NUMBER OF SAMPLES		2		1	2			
	REMARK(S) - REGULATED								
05JCO06	WIWA CREEK NEAR ST. BOSWELLS	M-MS	1985-88		1985-88	1985-88			
	LATITUDE 50 04 05 N LONGITUDE 106 45 18 W LAND DESCRIPTION SW10-13-05-W3 DRAINAGE AREA 1 360 km ²								
	TOTAL NUMBER OF SAMPLES		11		10	10			
	REMARK(S) - REGULATED								
05JAO02	WOOD RIVER NEAR LAFLECHE	M-MS	1984-88		1984-88	1984-88			1988
	LATITUDE 49 40 01 N LONGITUDE 106 41 33 W LAND DESCRIPTION NW24-08-05-W3 DRAINAGE AREA 4 730 km ²								
	TOTAL NUMBER OF SAMPLES		18		18	18		3	
	REMARK(S) - REGULATED								
05NB011	YELLOW GRASS DITCH NEAR YELLOW GRASS	M-S M-MS	1974-76 1977-80	1974-76 1977-80		1974-76 1977-80			1976-78 1979-80
	LATITUDE 49 47 11 N LONGITUDE 104 02 18 W LAND DESCRIPTION SE01-10-16-W2 DRAINAGE AREA 1 900 km ²								
	TOTAL NUMBER OF SAMPLES		47		19	43		8	
	REMARK(S) - REGULATED								

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SEE INTRODUCTION FOR CONTRIBUTING AGENCIES

YUKON TERRITORY

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STATION NO.	NAME	TYPE OF OPERATION	CONC. DATA	SUSPENDED SEDIMENT			BED LOAD		BED MATERIAL PARTICLE SIZE
				LOADS	DISS. SOLIDS	WATER TEMP.	PARTICLE SIZE POINT	PARTICLE DEPTH	
08AA001	AISHIHIK RIVER NEAR WHITEHORSE	M-MS	1972		1972	1972			
	LATITUDE 60 51 40 N								
	LONGITUDE 137 03 40 W								
	DRAINAGE AREA 4 300 km ²								
	TOTAL NUMBER OF SAMPLES		2		2	2		1	
	REMARK(S) - REGULATED SINCE 1974								
08AB001	ALSEK RIVER ABOVE DATES RIVER	M-MS	1974-77		1975	1974-77			1974-77
	LATITUDE 60 07 08 N	M-MS	1978-80		1978-80	1978-80			1978-80
	LONGITUDE 137 58 27 W	M-MS	1982-85		1982-85	1982-85			1982-85
	DRAINAGE AREA 16 200 km ²								
	TOTAL NUMBER OF SAMPLES		70		59	68		35	
	REMARK(S) - NATURAL FLOW								
08AH003	BIG CREEK NEAR THE MOUTH	M-MS	1977			1977			
	LATITUDE 62 34 07 N								
	LONGITUDE 137 00 58 W								
	DRAINAGE AREA 1 750 km ²								
	TOTAL NUMBER OF SAMPLES		1			1			
	REMARK(S) - NATURAL FLOW								
10MD001	FIRTH RIVER NEAR THE MOUTH	M-MS	1972-74			1972-74			
	LATITUDE 69 19 00 N								
	LONGITUDE 139 34 00 W								
	DRAINAGE AREA 5 710 km ²								
	TOTAL NUMBER OF SAMPLES		11			11			
	REMARK(S) - NATURAL FLOW								
10AA001	LIARD RIVER AT UPPER CROSSING	M-MS	1972		1972	1972			
	LATITUDE 60 03 00 N	M-MS	1974-75		1975	1974-75			
	LONGITUDE 128 54 00 W	M-MS	1982-83		1982-83	1982-83			1983
	DRAINAGE AREA 33 400 km ²								
	TOTAL NUMBER OF SAMPLES		9		8	9		2	
	REMARK(S) - NATURAL FLOW								
09AB008	M'CLINTOCK RIVER NEAR WHITEHORSE	M-MS	1977			1977			
	LATITUDE 60 36 45 N								
	LONGITUDE 134 27 27 W								
	DRAINAGE AREA 1 700 km ²								
	TOTAL NUMBER OF SAMPLES		1			1			
	REMARK(S) - NATURAL FLOW								
10NA002	DEILVIE RIVER AT KILOMETRE 197.9 DEMPSTER HIGHWAY	M-MS	1974			1974			
	LATITUDE 66 21 45 N								
	LONGITUDE 136 17 50 W								
	DRAINAGE AREA 5 410 km ²								
	TOTAL NUMBER OF SAMPLES		2			2			
	REMARK(S) - NATURAL FLOW								
09BC001	PELLY RIVER AT PELLY CROSSING	M-MS	1968		1968	1968			
	LATITUDE 62 49 47 N	M-MS	1970-73		1970-73	1970-73			1970-72
	LONGITUDE 136 34 50 W	M-MS	1974-77		1975	1974-77			1974-76
	DRAINAGE AREA 49 000 km ²	M-MS	1978-80		1978-80	1978-80			1978-79
		M-MS	1983-86		1983-86	1983-86			1983-86
	TOTAL NUMBER OF SAMPLES		57		48	58		26	
	REMARK(S) - NATURAL FLOW								
09DD003	STEWART RIVER AT THE MOUTH	M-MS	1968		1968	1968			
	LATITUDE 63 18 55 N	M-MS	1975-77		1975	1975-77			1975
	LONGITUDE 139 14 55 W	M-MS	1978-80		1978-80	1978-80			1978-79
	DRAINAGE AREA 51 000 km ²	M-MS	1982-84		1982-84	1982-84			1982
		M-MS	1986		1986	1986			1986
	TOTAL NUMBER OF SAMPLES		31		28	30		4	
	REMARK(S) - NATURAL FLOW								

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				LOADS	DISS. SOLIDS	WATER TEMP	PARTICLE SIZE POINT DEPTH	VOLUME OR LOADS	PARTICLE SIZE
09CBOO1	WHITE RIVER AT KILOMETRE 1881 & ALASKA HIGHWAY	M-MS	1972		1972	1972			
		M-MS	1975		1975	1975			
		M-MS	1977-80		1978-80	1977-80			1977-80
		M-MS	1982-88		1982-88	1983-88			1984-88
				73	88	88		44	
	REMARK(S) - NATURAL FLOW								
09CDOO1	YUKON RIVER ABOVE WHITE RIVER	M-MS	1977-80		1978-80	1977-80			1978-78
		M-MS	1982-84		1982-84	1982-84			1982-83
				22	21	22		4	
	REMARK(S) - REGULATED SINCE 1925								
09EBOO1	YUKON RIVER AT DAWSON	M-MS	1971		1971	1971			1971
		M-MS	1974-77		1975	1974-77			1975-77
		M-MS	1978-79		1978-79	1978-79			1978-79
				15	9	12		9	
	REMARK(S) - REGULATED SINCE 1925								
09ABOO1	YUKON RIVER AT WHITEHORSE	M-S	1970	1970	1970	1970			
		M-MS	1971		1971	1971			
		M-MS	1977			1977			
				14	13	14			
	REMARK(S) - REGULATED SINCE 1926								

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